



# Certificate of CE-Registration



This is to certify that, in accordance with other medical device Directive 90/269/EEC as amended by 2007/45/EC or Directive 98/79/EC, mdi Europa GmbH agrees to perform all duties and responsibilities as the Authorized Representative for

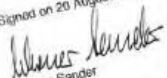
**Tarsons Products PVT. LTD.**  
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as stipulated and demanded by the above mentioned Directives. The German competent authorities have allocated the medical devices of the manufacturer the following registration numbers:

EDMA Code	Description	Classification	Registration Number
29.01.10	Other IVD devices + accessories + consumables + software	other IVD	DE/JCA08/0790/T12/IVD/001-Q2

The manufacturer has provided mdi Europa with all necessary documentation, together with an appropriate Declaration of Conformity confirming that the medical devices fulfil the essential requirements of other Directive 90/269/EEC as amended by 2007/45/EC or 98/79/EC. A safety officer has been appointed for Germany and therefore is in full compliance with § 20 MfB.

Signed on 20 August 2020

  
Werner Sander  
President

## B

Autoclavable Bags	113
Beaker	28
Biohazard Bags	133
Biohazard Waste Container	132
Boiling Stones	29
Measuring Beaker with Handle	28
PFA Beaker	29
Sample Bag	133
Whirlpack Sterile Bag	133
<b>Boxes</b>	
Cryo Box	91
Centrifuge Tube Box	76
Cryo Cube Box	91
Macro Tip Box	45
Micro Tip Box	45
Micro Tube Box	78
Storage Box	76
Slide Box	130
Staining Box	127
Universal Micro Tip Box	45
<b>Bottles</b>	
Amber Rectangular Bottle	17
Dropping Bottle	25
Filling / Venting Closure	22
Heavy Duty Vacuum Bottle	21
Narrow Mouth Bottle	13, 17
Rectangular Bottle	17
Sterile Wide Mouth Bottles	15
Sterile Pyrogen Free Wide Mouth Bottles	15
Wide Mouth Round & Square Bottle	14, 16
Wide Mouth Bottle with Handle	18
Quick Fil Filling / Venting Closure	22
Burette Clamp	31
<b>Wash Bottles</b>	
Wash Bottles	24
Narrow Mouth Wash Bottles	24
Wide Mouth Wash Bottles	24
Wash Bottle New Type	24
Wash Bottle Self Vented Labelled	24
Wash Bottle Wide Mouth Autoclavable	25

## C

### Carboys

Amber Carboy	19
Aspirator Bottle with Stopcock	18
Carboy	19
Carboy Wide Mouth	19
Carboy with Stopcock	20
Carboy with Tubulation	21
Jerrican	17
Handyboy	18
Heavy Duty Carboy	19
Rectangular Carboy with Stopcock	21
Safety Vent Carboy	32
Sanitary Neck Carboy	20
Sanitary Flange Carboy	20
Cell Scraper	101

### Centrifuge Ware

Amber Centrifuge Tube Conical Bottom	74
Cap for Centrifuge Tube Round Bottom	75
Centrifuge Bottle	75
Centrifuge Tube Box	76
Centrifuge Tube Conical Bottom	74
Centrifuge Tube Round Bottom	75
Lock for Micro Centrifuge Tube	73
Maxipense Micro Centrifuge Tube	72
Micro Centrifuge	67, 68, 69, 70, 71
Micro Centrifuge Tube	72
Mini Cooler for MCT -20°C	73
Micro Pestle	72
Purepack Centrifuge Tube	74
Rack for Micro Centrifuge Tube	73
Screw Cap Centrifuge Tube	75
Self-Standing Centrifuge Tube	74

### Cone

Imhoff Setting Cone & rack	26
----------------------------	----

### Coolers

Cryo 10°C Cooler	90
Mini Cooler	92, 93
Mini Cooler with Gel Filled Cover	92, 93
PCR Mini Cooler	93
Quick Freeze	90
Thermo Conductive Rack	94

### Connector

Elbow Connector	116
Straight Connector	115
T Connector	116
Y Connector	116
Coplin Jar	130

**Cryo Labware**

Card Board Cryo Box	90
Cooler	90
Cryo Apron	96
Cryochill Coder	88
Cryo Cube Box	91
Cryo Cube Box for Micro Tube 5 ml	73
Cryo Gloves	96
Cryo Box	91
Cryo Box Rack	97
Cryo Cane	89
Cryo Rack	89
Cryochill Wide Mouth Specimen vial	88
Cryochill vial	88
Cryochill Vial 2D coded	89
Cryo Box for 2D coded Cryochill vials	89
Mini Coolers 0°C / -20°C	92,93
Stainless Steel Cryo Rack	97
Quick Freeze	90
Thermo Conductive Racks	94
Cylindrical Tank with cover	132

**D****Dispenser**

Digital Surette	40
Bottle Top Dispenser	41
Gloves Dispenser	107
Multi Tape Dispenser	105
Parafilm Dispenser	102
Slide Dispenser	131
Tough Tags Station	105

**Desiccator**

Desiccator	84
Cubivac Desiccator	87
Desiccator Cabinet	86
Desiccant Canister	85
Secador Refrigerator Desiccator	85
Secador with Gas Ports	85
Vacuum Desiccator	84
Deep well Storage Plates	114
Draining Tray	33
Drying Rack	83

**E**

Electrophoresis	
Electrophoresis Power Supply Unit	129
Gel Caster	128
Mini Dual Vertical Electrophoresis Unit	129
Mini Submarine Electrophoresis Unit	128
Midi Submarine Electrophoresis Unit	128

**F****Films**

Aluminium Seal	115
Bytac Bench Protector	102
Lab Soaker	103
Opti-Seal	115
Parafilm	102

**Flasks**

Amber Volumetric Flask	26
Baffled Flasks	23
Conical Flasks	23
Conical Flasks with Screw Cap	23
Filtering Flask	33
PFA Volumetric Flask	26
Volumetric Flask	26

**Filter Holder**

Filling Venting Closure	22
Filter Holder with funnel	34
Filter Funnel with clamp	34
In Line Filter Holder	35
Membrane Filter Holder	34
Open faced filter holder	35
Reusable Bottle Top Filter	35
Syringe Filter	35
Flip Flop Micro Tube Rack	79

Forceps	134
Freezer Rack	97

**Funnels**

Buchner Funnel	33
Large Carboy Funnel	32
Funnel	32
Funnel Holder	31
Funnel Short Stem	32
Powder Funnel	32
Separatory Funnel Holder	31
Separatory Funnel	33

**G**

Gloves Nitrile	107
----------------	-----

**H**

Hand Protector Grip	108
---------------------	-----

**I**

Ice Bucket	95
Ice Tray	95
Incubation Tray	111
Instrument Sterilization Tray	29

**J**

Jerrican	17
Junior 4-way tube Rack	80
Jigsaw Rack	79

**K**

Kipps Apparatus	135
-----------------	-----

**L**

L shaped Spreader	106
Soft Loop Spreader	106

**M**

Marker	105
Measuring Cylinder	27
Measuring Beaker with Handle	28
Micro Test Plate	117
Magnetic Bars	124
Magnetic Retriever	126
Micro Spin Bar	126
Microscopic Slide File	131
Microscopic Slide Tray	131

**Masks**

KN95 Particulate Respirator	132
-----------------------------	-----

## P

### PCR

PCR tube	112
PCR tube strips with cap	112
Corbett Type Strip Tubes and Caps	112
PCR plate Non-Skirted	113, 114
PCR plate Semi Skirted	113, 114
PCR Plate Semi Skirted Raised Deck	113
PCR Skirted Plate	114

### Petridish

Contact Plate	111
Petridish	110
Rack for Petri dish	111

### PFA Labwares

PFA Beaker	29
PFA Volumetric Flask	26

### Pipettes

8 channel pipette	44
12 channel pipette	44
Pipette, Accupipette	43
Pasteur Pipette Purepack	107
Pasteur Pipette	107
Pipette Aid	36
Pipette Bulb	36
Pipette Controller	36
Pipette, Fixapette	42
Pipettor Stand	36
Pipette Storage Rack, Magnetic	39
Steripette Pro	38
Serological pipette	39
Rotary Pipette Stand	37
Rotary Pipette Stand Vertical	37
Pipette Washer	37
Plant Tissue Culture Container	101

### Pumps

Chemvac Vacuum Pump	56
Hand Operated Vacuum Pump	35
Rockyvac Vacuum Pump	54
Rockyvac oil free compressor	55
Rotary Vane Vacuum Pump	57
Vacuum Trap Kit	55

## Q

Quick Fit	22
Quick Disconnect Fittings	117

## R

### Racks and Stands

3 step interlocking micro tube rack	79
Boss head clamp	30
Comblock Rack	80
Conical Centrifuge Tube Rack	83
Cryo Rack	89
Clini Jumbo Rack	83
Cryo Box Rack	97
Drying Rack	83
Flask Stand	127
Flip Flop Micro Tube Rack	79
Float Rack	76
Freezer Rack	97
Jigsaw Rack	79
Junior 4-way tube rack	80
PCR tube rack	115
PCR rack with cover	115
Plate stand	30
Polygrid Micro tube stand	77
Polygrid test tube stand	82
Polywire Micro Tube Rack	77
Polywire Rack	81
Rack for Micro Tube	77, 78
Rack for scintillation vial	127
Rack for reversible rack	78
Slant Rack	101
Retort Stand	31
Reversible Rack	78
Somersault Rack	79
Test tube peg rack	82
Test Tube Stand	82
Universal Combi Rack	80
Universal Stand	
Reagent Reservoir	45
Universal Reagent Reservoir	45
RIA Vial	109
RIA Vial Caps	109

## S

Safety Face Shield	132
Safety Goggles	134
Safety Goggles UV	134
Safety Eyewear Box	134
Sample Container	108
Snapper Clamp	116
Specimen Container	99
Specimen Tube	98
Scintillation Vial	127
Stirring Rod	134
Stopcock	135
Storage Vial	99
<b>Scoop</b>	
Measuring Scoop	108
Gel Scoop	129
Sharp Container	132
<b>Shakers</b>	
Dancing Shaker	62
Orbital Shaker	61
Multiwell Plate Shaker	66
Reciprocating Shaker	61
Rockymax Rocking Shaker	63
Rotospin Test Tube Rotator	64
Rotospin Test Tube Mixer	65
Spinix Vortex Shaker	58
Spinix Multi tube Vortexer	59
<b>Slide Accessories</b>	
Coplin Jar	130
Microscopic Slide File	131
Microscopic Slide Tray	131
Slide Box	130
Slide Dispenser	131
Slide Draining Rack	130
Slide Mailer	131
Slide Staining Kit	130
Slide Storage Rack	130
<b>Stirrer and Hotplate</b>	
Hotop Digital Hot Plate	118
Hotop Hot Plate	120
Motorless Magnetic Stirrer	122
Multispin	121
Spinix Digital Magnetic Stirrer	118
Spinix! Digital Magnetic Stirrer & Hot Plate	118
Spinix Magnetic Stirrer	120
Spinix! Magnetic Stirrer & Hot plate	120
Spinix Mini	123
SS Lab Jack	118
Syphon	135

## T

---

Filter Tips	51
Filter Maxipense Tips	51
Graduated Tip reload	52
Macro Tips	45
Maxipense Tips	49
Micro Tips	47
Pu repack Filter Tips	53
Purepack Maxipense Tips	53
Purepack Micro Tips	53
Pu repack Refill Filter Tips	52
Purepack Refill Maxipense Tips	52
Racked Filter Tips	51
Racked Graduated Tips	47
Racked Maxipense Tips	49
Racked Micro Tips	47
Test Tube Basket with Cover	33
Test tube cap	101
Tygon Tubing	117

### Tags & Spots

Cryo Babies & Cryo Tags	104
Multipurpose Labelling tape	105
Petri Seal	103
Tape Indicator	103
Tough Tag & Tough Spots	104

### Tissue Culture Ware

Tissue Culture Flask	100
Tissue Culture Petri Dish	100
Tissue Culture Plate	100

## U

---

Utility Carrier	23
Utility Tray	29

## V

---

Vacuum Manifold	34
-----------------	----

### Vials

Cryochill Vial	88
RIA Vial	109
RIA Vial Cap	109
Scintillation Vial	127
Storage Vial	99

## W

---

Wall Mount Holder	106
-------------------	-----

Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
020010	135	050080	34	111004	98	160010	37	205070	82
020020	135	050090	41	113010	98	160020	72	205110	77
020030	135	050091	41	113020	98	161010	37	205120	77
020070	101	050092	41	113030	98	161040	37	212010	73
020080	101	050093	41	113070	98	161050	39	212060	91
030000	43	050094	41	113080	98	162010	39	212070	91
030010	43	050095	41	113090	98	180010	33	240000	76
030020	43	051190	41	113100	98	180020	33	240010	78
030030	43	051191	41	113110	98	180030	33	240020	127
030040	43	051192	41	113120	98	2010	36	240030	127
030050	43	051193	41	114011	89	201010	81	240040	76
030060	43	051194	41	114012	89	201011	81	240041	76
030070	43	051195	41	115001	97	201012	81	240050	83
030080	36	1000	67	115002	97	201013	81	240060	115
030090	43	1001	68	115003	97	201014	81	240070	29
031010	42	1002	68	115004	97	202010	82	240080	23
031020	42	1003	67	115005	97	202020	82	240090	29
031030	42	1004	67	115006	97	202030	82	241000	115
031040	42	1010	67	115007	97	202040	82	241010	78
031050	42	1020	68	115008	97	202050	82	241013	77
031060	42	1040	69	115009	97	202060	91	241014	77
031070	42	1042	69	121100	31	202070	91	241020	77
031080	42	1050	70	121200	31	202080	80	241030	77
031090	42	1051	70	122100	31	202081	80	241040	77
031100	42	1052	70	122200	31	202090	76	241050	89
031110	42	1060	71	123000	31	202100	76	241051	89
031120	42	1061	71	141010	31	202110	81	241060	77
031130	42	1062	71	141020	31	202111	81	241070	101
032000	36	1064	71	141030	30	202112	81	241079	83
032010	44	109000	33	141040	30	202113	81	241080	83
032011	44	110000	97	141050	30	202114	81	241090	101
032012	44	110001	97	141060	30	203010	82	241100	83
032020	44	110002	97	141070	30	203020	82	241120	78
032021	44	110003	97	141080	30	203030	82	241121	78
032022	44	110004	97	142010	31	203040	82	241122	78
033000	36	110005	97	142020	31	203050	82	242000	29
034000	36	110010	97	143010	31	203060	82	242010	29
050010	34	110011	118	143020	31	203070	82	250040	83
050011	34	110012	118	144000	134	203080	82	250050	83
050020	34	110013	118	144010	31	203090	82	250060	80
050021	34	110014	118	144020	31	203100	82	250070	79
050030	34	110015	118	150010	106	2040X	38	250080	79
050040	34	110016	118	150020	106	2041X	38	251010	78
050041	34	110020	97	150030	106	205010	82	270030	79
050050	34	110030	97	150040	106	205020	82	270040	79
050060	35	111001	98	150050	106	205030	82	270050	79
050061	35	111002	98	157200	115	205040	82	270060	111
050070	34	111003	98	157300	115	205060	82	270070	111

CODE NUMBER INDEX

Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
270090	111	324020	26	371040	96	402010	84	4142	124
280000	127	324030	26	371050	96	402011	84	4143	124
3001	58	324040	26	371060	96	402020	84	4144	124
3002	58	324050	26	371070	96	402021	84	4145	124
3003	58	324060	26	371080	96	402030	84	4146	124
3004	58	3400	66	371090	96	402031	84	4150	124
3020	58	341000	26	371100	96	402040	84	4151	124
3040	62	342000	26	371110	96	402041	84	4152	124
3041	62	343020	27	371120	96	4030	120	4153	124
3043	62	343030	27	380000	102	403010	84	4154	124
3050	61	343040	27	380010	102	403011	84	4155	124
3051	61	343050	27	380020	102	403020	84	4156	124
3052	61	343060	27	380030	102	403021	84	4160	126
3053	61	343070	27	381010	96	403030	84	4170	125
3060	61	343080	27	381020	96	403031	84	4171	125
3061	61	345010	27	381030	96	403040	84	4172	125
3062	61	345011	27	381040	96	403041	84	4180	125
3063	61	345012	27	381050	96	4040	118	4181	125
3070	64	345013	27	381060	96	404010	87	4182	125
3071	64	345014	27	381070	96	404020	87	4190	126
3072	64	345015	27	381080	96	404030	87	4191	125
3073	64	345016	27	381090	96	404040	87	4192	126
3080	62	345017	27	381100	96	404050	87	4210	124
3090X	65	345018	27	381110	96	404060	87	421010	28
3091X	65	345020	27	381120	96	404070	87	421020	28
3092X	65	345030	27	391000	102	404080	87	421040	28
3093X	65	345040	27	391010	96	4050	122	421050	28
3100	61	345050	27	391020	96	4060	121	421060	28
322000	26	345060	27	391030	96	4080	63	421070	28
322010	26	345070	27	391040	96	4081	63	421080	28
322020	26	345080	27	392000	102	4082	63	421090	28
322030	26	346010	27	4010	118	4110	124	422000	28
322040	26	346020	27	401010	84	4111	124	422010	28
322050	26	346030	27	401020	84	4112	124	422020	28
322060	26	346040	27	401030	84	4113	124	422030	28
323020	26	346050	27	401040	84	4114	124	422040	28
323030	26	346060	27	401060	86	4115	124	422050	28
323040	26	346070	27	401070	86	4117	124	422060	28
323050	26	346080	27	401080	86	4120	124	422070	28
323060	26	370050	107	401090	86	4121	124	4240	124
323110	26	370060	107	4011	123	4122	124	4250	124
323120	26	370070	107	401110	86	4123	124	4310	125
323130	26	370100	107	401111	85	4124	124	431010	28
323140	26	370110	107	401131	85	4125	124	431040	28
323150	26	370120	107	401140	85	4133	124	431050	28
323160	26	371010	96	4020	120	4137	124	431060	28
324000	26	371020	96	402001	84	4140	124	431070	28
324010	26	371030	96	402002	35	4141	124	431080	28



Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
431090	28	460096	110	500050	73	520044	53	521105	52
4311	125	460140	110	500051	73	520050	53	521106	52
4312	125	461010	111	500052	73	520051	53	521107	47
4313	125	461020	111	500053	73	520052	53	521108	47
4314	125	461030	111	500054	73	520053	53	521109	52
4315	125	461040	111	500060	104	520054	53	521110	52
4316	125	462010	111	500070	104	520055	53	521111	47
432010	29	462020	111	500080	104	520056	53	521116	52
432020	29	462030	111	500081	104	520057	53	521117	52
432030	29	462040	111	500082	104	520060	74	521118	52
432040	29	480000	130	500085	104	520061	74	521119	52
432050	29	481010	130	500090	105	520062	74	521120	52
432060	29	481020	130	5020	120	520063	107	521126	52
441040	28	481030	130	5030	120	520064	107	522000	126
441050	28	481050	131	5040	118	521000	47	522010	127
441060	28	481060	131	5041	118	521010	47	522020	127
441070	28	482000	131	5042	118	521010-Y	47	522100	47
441071	28	482010	131	5043	118	521014	47	522101	47
441080	28	482020	127	5090	118	521014-Y	47	522101-Y	47
441090	28	482030	127	510000	108	521015	47	522102	47
441110	23	482040	131	510010	108	521016	47	522103	47
441111	61	482050	130	510020	108	521016-B	47	522103-B	47
441120	23	482060	127	510030	108	521017	47	522104	47
441121	61	482070	127	510051	112	521018	47	522105	47
441130	23	482080	127	510052	112	521019	47	522108	47
441131	61	482090	127	510053	112	521020	47	522109	47
441150	23	483000	130	510059	113	521020-B	47	523011	88
441160	23	483010	130	510066	114	521031	45	523021	88
441170	23	485000	131	510067	114	521032	45	523031	88
442110	33	486000	134	510068	114	521033	45	523041	99
442120	33	500000	72	510073	112	521034	45	523051	99
442130	33	500000C	72	520010	53	521036	45	523052	99
460020	110	500010	72	520011	53	521037	53	523053	99
460030	110	500010C	72	520012	53	521038	53	523054	99
460035	110	500011	72	520013	53	521039	53	523061	99
460038	110	500012	72	520014	53	521040	47	523070	99
460040	110	500013	72	520031	53	521041	53	523071	99
460050	110	500014	72	520032	53	521050	47	523072	99
460051	110	500015	72	520033	53	521070	35	523073	99
460061	110	500016	72	520034	53	521080	35	523074	99
460062	110	500017	72	520035	53	521090	35	523080	99
460065	111	500020	72	520037	53	521100	47	523090	104
460070	111	500020C	72	520038	53	521101	47	523092	104
460090	110	500031	74	520039	53	521101-Y	47	523093	104
460091	110	500032	74	520040	53	521102	47	523094	104
460092	110	500041	74	520041	53	521103	47	523100	49
460094	110	500042	74	520042	53	521103-B	47	523101	49
460095	110	500043	74	520043	53	521104	47	523102	49

Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
523103	49	524032	97	526050	92	529104	51	550026	133
523104	49	524034	97	526070	104	529105	51	551010	29
523105	49	524040	78	526080	104	529106	51	551020	29
523106	49	524052	45	526090	104	529107	51	553010	133
523107	49	524053	45	526100	49	529108	51	553020	133
523108	49	524055	45	526101	49	531000	40	553030	133
523109	49	524056	45	526102	49	531001	40	553040	133
523111	88	524057	45	526103	49	540010	75	553050	133
523112	88	524058	45	526104	49	540020	75	554010	133
523113	88	524059	45	526105	49	541020	75	554020	133
523114	88	524060	78	526108	49	541030	75	554030	133
523115	88	524061	45	526109	49	541040	75	554040	133
523150	99	524070	78	526111	51	541050	75	554050	133
523160	99	524090	45	526112	51	542010	75	554060	133
523161	52	524091	45	526113	51	542020	75	554070	133
523162	52	524100	49	526114	51	543010	75	560010	24
523163	52	524101	49	526115	51	543020	75	560020	24
523164	52	524102	49	526116	51	544010	75	560030	24
523165	52	524103	49	526117	51	544020	75	560040	24
523166	52	524104	49	526118	51	544030	75	560050	24
523167	52	524105	49	526119	51	544040	75	560060	24
523168	52	524108	49	527030	76	546010	74	560070	24
523171	52	524109	49	527040	76	546011	74	560080	24
523172	52	525000	90	527060	76	546012	74	560089	24
523173	52	525010	92	527070	76	546021	74	560090	24
523174	52	525020	92	527080	76	546022	74	560091	24
523175	52	525030	93	527100	51	546031	74	561100	24
523176	52	525040	90	527101	51	546032	74	561110	24
523177	52	525050	92	527102	51	546041	74	561120	24
523178	52	525060	93	527103	51	546042	74	561130	24
523182	88	525110	93	527104	51	546043	74	562010	25
523183	88	525111	94	527105	51	546046	74	562011	25
523184	88	525112	94	527106	51	546047	74	562012	25
523192	89	525113	73	527107	51	546051	74	562013	25
523193	89	525120	95	527108	51	546052	74	562014	25
523194	88	525130	95	528100	51	546061	74	562015	25
523200	49	525140	95	528101	51	546062	74	562020	25
524000	91	525150	95	528102	51	550011	133	563010	25
524010	91	525160	95	528103	51	550012	133	563011	25
524011	91	525190	111	528104	51	550013	133	563012	25
524020	91	525300	94	528105	51	550014	133	563013	25
524023	90	525310	94	528106	51	550015	133	563014	25
524024	90	525320	94	528107	51	550016	133	563015	25
524025	90	525330	94	528108	51	550021	133	563018	25
524026	90	525340	94	529100	51	550022	133	570011	103
524027	90	526010	92	529101	51	550023	133	581170	13
524030	91	526030	93	529102	51	550024	133	581172	13
524031	97	526040	93	529103	51	550025	133	581180	13

Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
581190	13	582222	16	583258	18	584224	16	586230	13
581191	13	582223	16	583260	19	584225	16	586240	13
581200	13	582224	16	583261	19	584230	14	586250	13
581210	13	582225	16	583263	20	584230S	15	586260	17
581220	13	582230	14	583265	19	584230SP	15	586280	17
581230	13	582240	14	583266	19	584240	14	586290	17
581240	13	582250	14	583270	19	584240S	15	586380	21
581250	13	582255	21	583272	19	584240SP	15	586390	21
581300	14	582258	21	583279	20	584250	14	590010	103
581300S	15	582260	14	583280	20	584250S	15	590020	103
581300SP	15	582270	14	583281	22	584250SP	15	590030	103
581310	14	583100	13	583290	20	584260	14	590040	103
581310S	17	583110	13	583291	22	584260S	15	6020	120
581310SP	17	583120	13	583300	20	584260SP	15	6030	120
581320	14	583125	117	583310	132	584270	14	6040	118
581320S	17	583126	117	583320	17	584301	20	6041	118
581320SP	17	583130	13	583330	17	584302	20	6042	118
581330	14	583140	13	583340	17	584303	20	6090	118
581330S	15	583150	13	583350	17	584305	20	610040	112
581330SP	15	583170	13	583351	19	584306	20	610050	112
581340	14	583171	13	583357	18	584307	20	610060	112
581340S	15	583180	13	583358	18	584380	20	610070	112
581340SP	15	583190	13	583360	17	584390	20	610080	112
581350	14	583191	13	583361	19	584400	20	610090	112
581350S	15	583210	18	583371	19	584401	20	611010	112
581350SP	15	583211	18	583372	19	584402	19	611020	112
581360	14	583216	22	583373	19	584403	19	611030	112
581360S	15	583217	22	583374	19	584404	20	611040	112
581360SP	15	583218	22	583375	19	585200	14	612010	113
581370	14	583220	18	583420	17	585210	14	612020	113
582070	13	583221	22	583430	17	585220	14	612030	113
582071	13	583222	22	583440	17	585221	17	613010	114
582080	13	583223	22	583450	17	585222	17	613020	114
582090	13	583224	22	583460	17	585223	17	613030	114
582091	13	583225	22	583471	19	585224	17	613040	114
582100	13	583226	22	583472	19	585225	17	620010	25
582110	13	583227	22	584200	14	585230	14	620020	25
582120	13	583228	22	584200S	15	585240	14	620030	25
582130	13	583229	22	584200SP	15	585250	14	620040	25
582140	13	583230	18	584210	14	585260	14	620050	25
582150	13	583250	19	584210S	15	585270	14	620060	25
582160	17	583251	19	584210SP	15	585380	21	620070	25
582180	17	583252	19	584220	14	585390	21	620080	25
582190	17	583253	19	584220S	15	586080	13	620090	25
582200	14	583254	132	584220SP	15	586090	13	630010	32
582210	14	583255	21	584221	16	586200	13	630020	32
582220	14	583256	132	584222	16	586210	13	630030	32
582221	16	583257	18	584223	16	586220	13	630040	32

CODE NUMBER INDEX

Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No	Code No	Page No
630050	32	7030	128	720240	116	882080	99	950020	100
630060	32	7031	128	720250	116	882090	99	950031	100
630070	32	7045	128	720260	116	882200	99	950040	100
630090	32	7050	128	720300	116	882209	132	950050	100
641010	32	7051	128	720310	116	882210	132	950061	100
641020	32	7080	129	720320	116	882222	99	960010	100
641110	33	7081	129	720330	116	883191	88	960020	100
641120	33	7082	129	720340	116	883192	89	960031	100
642060	32	7083	129	720500	116	883193	89	960051	101
642070	32	7084	129	720510	116	883195	89	960052	101
642080	32	7085	129	730000	117	883196	89	980010	100
643010	33	7086	129	730010	117	890010	135	980020	100
643020	33	7087	129	730020	117	890020	135	980030	100
650010	32	7088	129	730030	117	900000	29	980040	100
650020	32	7089	129	730040	117	9010	59	980051	100
650030	32	7090	129	730050	117	9011	59		
650040	32	7110	55	730060	117	9012	59		
660010	135	7111	55	740000	117	9013	59		
660020	135	7112	55	740010	117	920051	106		
670050	103	7123	128	740020	117	920061	106		
670080	103	7125	55	800000	108	920071	106		
680000	105	7126	57	800010	134	920082	106		
680011	105	7130	57	800030	134	922110	108		
683210	17	7131	57	800040	134	922120	108		
683220	17	7132	57	800050	132	922130	108		
683230	17	7133	57	800062	132	922140	108		
683240	21	7145	128	800072	132	922150	108		
683241	21	7180	129	850000	109	922160	108		
683242	21	7181	129	850010	109	922170	108		
683243	21	7182	129	850020	109	922180	108		
683250	21	720000	115	850050	109	922190	108		
683260	21	720010	115	850060	109	923110	129		
683300	18	720020	115	850070L	109	923120	129		
684300	18	720030	115	850071L	109	923130	129		
7010	54	720040	115	850080	109	930011	105		
7011	54	720050	115	881080	99	930022	105		
7012	54	720060	115	881090	99	940000	39		
7013	54	720100	116	881100	99	940001	39		
7014	54	720110	116	881110	98	940010	39		
7016	56	720120	116	881111	99	940020	39		
7017	56	720130	116	881120	98	940030	39		
7018	56	720140	116	881130	98	940040	39		
7019	56	720150	116	881140	98	940050	107		
7020	128	720160	116	881150	98	940070	107		
7021	128	720200	116	881160	98	941196	117		
7022	54	720210	116	881170	98	941296	117		
7023	128	720220	116	881180	98	941396	117		
7024	128	720230	116	881190	98	950010	100		

## 1 Narrow Mouth Bottle

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable.**

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
582070	4	72	617.00	3517.00
582071	5	72	740.00	4218.00
582080	8	72	768.00	4378.00
582090	15	72	926.00	5278.00
582091	20	72	1111.00	6333.00
582100	30	72	1279.00	7290.00
582110	60	72	1684.00	9599.00
582120	125	72	2313.00	13184.00
582130	250	72	3734.00	21284.00
582140	500	48	3354.00	19118.00
582150	1000	24	3301.00	18816.00

For Bulk Pack add suffix A after the Code No.

## 2 Narrow Mouth Bottle

**Material:** Medical Grade LOPE conforming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
586080	8	72	628.00	3580.00
586090	15	72	754.00	4298.00
586200	30	72	1041.00	5934.00
586210	60	72	1383.00	7883.00
586220	125	72	1894.00	10796.00
586230	250	72	3012.00	17168.00
586240	500	48	2470.00	14079.00
586250	1000	24	2470.00	14079.00

For Bulk Pack add suffix A after the Code No.

## 3 Narrow Mouth Bottle

**Material:** Medical Grade HOPE conforming to USP Class VI.

These bottles have reliable durability and excellent chemical resistance. They are used for packing, shipping and storage purpose. These bottles have leak-proof polypropylene screw cap.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
583170	4	72	553.00	3152.00
583171	5	72	664.00	3785.00
583180	8	72	692.00	3944.00
583190	15	72	830.00	4731.00
583191	20	72	996.00	5677.00
583100	30	72	1145.00	6527.00
583110	60	72	1510.00	8607.00
583120	125	72	2069.00	11793.00
583130	250	72	3321.00	18930.00
583140	500	48	2731.00	15567.00
583150	1000	24	2716.00	15481.00

For Bulk Pack add suffix A after the Code No.

## 4 Amber Narrow Mouth Bottle

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
581170	4	72	676.00	3853.00
581172	5	72	811.00	4623.00
581180	8	72	844.00	4811.00
581190	15	72	1013.00	5774.00
581191	20	72	1028.00	5860.00
581200	30	72	1475.00	8408.00
581210	60	72	1916.00	10921.00
581220	125	72	2650.00	15105.00
581230	250	72	4117.00	23467.00
581240	500	48	3700.00	21090.00
581250	1000	24	4166.00	23746.00

For Bulk Pack add suffix A after the Code No.





### 5 Wide Mouth Bottle

**Material:** Medical Grade PP confirming to USP Class VI. **Autoclavable.**

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
582200	30	72	1532.00	8732.00
582210	60	72	2005.00	11429.00
582220	125	72	2769.00	15783.00
582230	250	72	4324.00	24647.00
582240	500	48	3878.00	22105.00
582250	1000	24	3800.00	21660.00
582260	2000	6	2037.00	11611.00
582270	4000	6	4488.00	25582.00

For Bulk Pack add suffix A after the Code No.



### 6 Wide Mouth Bottle

**Material:** Medical Grade LOPE confirming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
585200	30	72	1272.00	7250.00
585210	60	72	1629.00	9285.00
585220	125	72	2265.00	12911.00
585230	250	72	3537.00	20161.00
585240	500	48	3197.00	18223.00
585250	1000	24	3119.00	17778.00
585260	2000	6	1677.00	9559.00
585270	4000	6	4042.00	23039.00

For Bulk Pack add suffix A after the Code No.

14



### 7 Wide Mouth Bottle

**Material:** Medical Grade HOPE confirming to USP Class VI.

These bottles have reliable durability and excellent chemical resistance. They are used for packing, shipping and storage purpose. These bottles have leak-proof polypropylene screw cap.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
584200	30	72	1398.00	7969.00
584210	60	72	1789.00	10197.00
584220	125	72	2488.00	14182.00
584230	250	72	3872.00	22070.00
584240	500	48	3514.00	20030.00
584250	1000	24	3433.00	19568.00
584260	2000	6	1847.00	10528.00
584270	4000	6	4042.00	23039.00

For Bulk Pack add suffix A after the Code No.



### 8 Amber Wide Mouth Bottle

**Material:** Medical Grade HOPE confirming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
581300	30	72	1754.00	9998.00
581310	60	72	2201.00	12546.00
581320	125	72	3041.00	17334.00
581330	250	72	4718.00	26893.00
581340	500	48	4259.00	24276.00
581350	1000	24	4795.00	27332.00
581360	2000	6	2293.00	13070.00
581370	4000	6	4939.00	28152.00

For Bulk Pack add suffix A after the Code No.

**9 Wide Mouth Sterile Bottle Individually Wrapped**

*Material: HOPE, Individual Pack*

Code	Capacity ml.	Packing	Price/Pack
584200S	30	500	11640.00
584210S	60	250	7450.00
584220S	125	125	5181.00
584230S	250	60	3869.00
584240S	500	30	2634.00
584250S	1000	24	4116.00
584260S	2000	12	4429.00



**10 Amber Wide Mouth Sterile Bottle Individually Wrapped**

*Material: HOPE, Individual Pack*

Code	Capacity ml.	Packing	Price/Pack
581300S	30	500	14605.00
581310S	60	250	9165.00
581320S	125	125	6330.00
581330S	250	60	4715.00
581340S	500	30	3192.00
581350S	1000	24	5749.00
581360S	2000	12	5498.00



**11 Wide Mouth Sterile Bottle Pyrogen Free Individually Wrapped**

*Material: HOPE, Individual Pack*

Code	Capacity ml.	Packing	Price/Pack
584200SP	30	500	12535.00
584210SP	60	250	8023.00
584220SP	125	125	5579.00
584230SP	250	60	4166.00
584240SP	500	30	2836.00
584250SP	1000	24	4433.00
584260SP	2000	12	4769.00



**12 Amber Wide Mouth Sterile Bottle Pyrogen Free Individually Wrapped**

*Material: HOPE, Individual Pack*

Code	Capacity ml.	Packing	Price/Pack
581300SP	30	500	15730.00
581310SP	60	250	9870.00
581320SP	125	125	6816.00
581330SP	250	60	5078.00
581340SP	500	30	3437.00
581350SP	1000	24	6191.00
581360SP	2000	12	5921.00





13

**13 Wide Mouth Square Bottle**

*Material: PP*

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
582221	60	12	400.00	4560.00
582222	175	12	649.00	7399.00
582223	250	12	868.00	9895.00
582224	500	12	1068.00	12175.00
582225	1000	6	1148.00	13087.00

For Bulk Pack add suffix A after the Code No.

16



14

**14 Wide Mouth Square Bottle**

*Material: HOPE*

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
584221	60	12	348.00	3967.00
584222	175	12	564.00	6430.00
584223	250	12	755.00	8607.00
584224	500	12	929.00	10591.00
584225	1000	6	998.00	11377.00

For Bulk Pack add suffix A after the Code No



15

**15 Amber Wide Mouth Square Bottle**

*Material: HOPE*

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
585221	60	12	435.00	4959.00
585222	175	12	705.00	8037.00
585223	250	12	917.00	10454.00
585224	500	12	1249.00	14239.00
585225	1000	6	1399.00	15949.00

For Bulk Pack add suffix A after the Code No.



**16** Narrow Mouth Bottle

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable**

These autoclavable bottles can be used for shipping and storing chemicals and standards, collecting and storing distilled water etc. Amber bottle helps to protect light sensitive materials

Code	Capacity ml.	Packing	Price/Pack
582180	2000	6	2135.00
582160	4000	6	4153.00
582190	8000	6	7114.00



16

**17** Narrow Mouth Bottle

**Material:** Medical Grade LOPE conforming to USP Class VI.

Code	Capacity ml.	Packing	Price/Pack
586260	2000	6	1749.00
586280	4000	6	3400.00
586290	8000	6	5824.00



17

**18** Rectangular Bottle

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
583320	125	12	485.00	5529.00
583330	250	12	755.00	8607.00
583340	500	12	929.00	10591.00
583350	1000	6	998.00	11377.00
583360	2000	6	2159.00	24613.00

For Bulk Pack add suffix A after the Code No.

**Amber Rectangular Bottle**

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
583420	125	12	589.00	6715.00
583430	250	12	917.00	10454.00
583440	500	12	1249.00	14239.00
583450	1000	6	1399.00	15949.00
583460	2000	6	2676.00	30506.00

For Bulk Pack add suffix A after the Code No.



18

**19** Jerrican

**Material:** Medical Grade HOPE conforming to USP Class VI.

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
683210	5	1	878.00	10009.00
683220	10	1	1095.00	12483.00
683230	20	1	1580.00	18012.00

For Bulk Pack add suffix A after the Code No.



19



20

**20 Wide Mouth Bottle with Handle**

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack
583257	4 Round	6	5394.00
583258	4 Square	6	5394.00



21

**21 Wide Mouth Bottle with Handle**

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack
583357	4 Round	6	5060.00
583358	4 Square	6	5060.00

18



22

**22 Handyboy with Stopcock**

**Material:** Medical Grade PP conforming to USP Class VI **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
683300	8	1	2754.00	31396.00

**Handyboy with Stopcock**

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
684300	8	1	2648.00	30187.00

For Bulk Pack add suffix A after the Code No.



23

**23 Aspirator Bottle with Stopcock**

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
583210	5	1	1495.00	17043.00
583220	10	1	2492.00	28410.00
583230	20	1	3428.00	39081.00
583211	Spare Stopcock	1	815.00	9295.00

For Bulk Pack add suffix A after the Code No.

**24 Carboy PP**

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable**

Autoclavable Polypropylene carboys have wide shoulder handle for easy carrying & pouring Used for storing and transporting large batches of culture media, distilled water and other solutions.

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
583250	10	1	1937.00	22082.00
583251	15	1	2349.00	26779.00
583260	20	1	2748.00	31327.00
583261	25	1	3673.00	41872.00
583270	50	1	5564.00	63430.00

For Bulk Pack add suffix A after the Code No.

**Heavy Duty Carboy**

**Material:** Medical Grade PP conforming to USP Class VI. **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/6 Packs
583265	10	1	2711.00	15453.00
583266	20	1	3848.00	21934.00

For Bulk Pack add suffix A after the Code No.

**25 Carboy LD**

**Material:** Medical Grade LOPE conforming to USP Class VI

Code	Capacity Its	Packing	Price/Pack	Price/12 Packs
583371	10	1	1661.00	18935.00
584402	15	1	2172.00	24761.00
583372	20	1	2355.00	26847.00
584403	25	1	3279.00	37381.00
583373	50	1	4768.00	54355.00

For Bulk Pack add suffix A after the Code No.

**Carboy Sterile**

**Material:** Medical Grade LOPE conforming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/6 Packs
583374	10	1	2317.00	13207.00
583375	20	1	3300.00	18810.00

For Bulk Pack add suffix A after the Code No.

**Amber Carboy**

**Material:** Medical Grade HOPE conforming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/6 Packs
583252	10	1	2711.00	15453.00
583253	20	1	3847.00	21928.00

For Bulk Pack add suffix A after the Code No.

**26 Carboy Wide Mouth**

**Material:** Medical Grade PP conforming to USP Class VI **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
583351	10	1	1937.00	22082.00
583272	15	1	2348.00	26767.00
583361	20	1	2748.00	31327.00

For Bulk Pack add suffix A after the Code No.

**27 Carboy Wide Mouth**

**Material:** Medical Grade LOPE conforming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
583471	10	1	1661.00	18935.00
583472	20	1	2355.00	26847.00

For Bulk Pack add suffix A after the Code No.





28

28

**Carboy With Stopcock**

*Material: Medical Grade PP conforming to USP Class VI. Autoclavable*

Code	Capacity Us.	Packing	Price/Pack	Price/12 Packs
583279	5	1	1836.00	20930.00
583280	10	1	2748.00	31327.00
583290	20	1	3783.00	43126.00
583263	25	1	4709.00	53683.00
583300	50	1	6849.00	78079.00

For Bulk Pack add suffix A after the Code No.



29

29

**Carboy With Stopcock**

*Material: Medical Grade LOPE conforming to USP Class VI*

Code	Capacity Us.	Packing	Price/Pack	Price/12 Packs
584401	5	1	1259.00	14353.00
584380	10	1	2355.00	26847.00
584390	20	1	3242.00	36959.00
584404	25	1	4374.00	49864.00
584400	50	1	5874.00	66964.00

For Bulk Pack add suffix A after the Code No.

20



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30

**Sanitary Neck Carboys**

*Material: Medical Grade PP conforming to USP Class VI Autoclavable*

Code	Capacity Us.	Packing	Price/Pack
584301	10	1	2322.00
584302	20	1	3153.00
584303	50	1	6170.00



31

31

**Sanitary Flange Carboy**

*Material: Medical Grade LOPE conforming to USP Class VI*

Code	Capacity Us.	Packing	Price/Pack
584305	10	1	2645.00
584307	20	1	3442.00
584306	50	1	6532.00

**32 Carboy With Tubulation**

**Material:** Medical Grade PP confirming to USP Class VI **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
585380	10	1	1913.00	21808.00
585390	20	1	2708.00	30871.00

For Bulk Pack add suffix A after the Code No.



32

**33 Carboy With Tubulation**

**Material:** Medical Grade LOPE confirming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
586380	10	1	1697.00	19346.00
586390	20	1	2390.00	27246.00

For Bulk Pack add suffix A after the Code No.



33

**34 Rectangular Carboy with Stopcock**

**Material:** Medical Grade PP confirming to USP Class VI. **Autoclavable**

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
683240	5	1	1934.00	22048.00
683250	10	1	2748.00	31327.00
683260	20	1	3750.00	42750.00

For Bulk Pack add suffix A after the Code No.



34

**35 Rectangular Carboy with Stopcock**

**Material:** Medical Grade HOPE confirming to USP Class VI

Code	Capacity Lis.	Packing	Price/Pack	Price/12 Packs
683241	5	1	1659.00	18913.00
683242	10	1	2355.00	26847.00
683243	20	1	3212.00	36617.00

For Bulk Pack add suffix A after the Code No.



35

**36 Heavy Duty Vacuum Bottle**

**Material:** Medical Grade PP confirming to USP Class VI. **Autoclavable**

Thick walled, rugged, wide mouth, autoclavable polypropylene bottle withstands repeated application of vacuum.

Code	Capacity ml.	Packing	Price/Pack
582258	1000	6	2710.00
583255	2000	6	4108.00
582255	4000	6	7527.00



36



37

**37 Safety Vent Carboy**

Safety Vent Carboy is an efficient solution for HPLC liquid waste disposal. It features an activated carbon filter that traps volatile organic compounds and prevents their release in the environment.

Code	Capacity L.	Packing	Price/Pack
583281	10	1	10437.00
583291	20	1	11248.00
583221	Safety Vent Cap	1	8500.00



38

**38 Filling / Venting Closure**

*Material: PP Autoclavable*

Autoclavable closure for aseptic transfer of media, biological reagents, pure water and chemical to and from heavy duty vacuum bottle and carboys. Size 53 mm and 83 mm can be used with TARSONS Heavy Duty vacuum bottle 2 lts and 4 lts respectively.

Code	Closure	Tubing ID mm	Packing	Price/Packs
583216	53	6.35	2	4123.00
583217	83	6.35	2	6590.00
583218	83	12.7	2	8825.00



39

**39 Quick Fit Filling / Venting Closure 83 mm**

*Non Autoclavable*

Code	No. of Port	Size	Packing	Price/Packs
583222	2	1/4"	1	6960.00
583223	2	3/8"	1	7003.00
583224	3	1/4"	1	10100.00
583225	3	3/8"	1	10126.00

*Spare Quick disconnet Fittings*

Code	No. of Port	Size	Packing	Price/Packs
583226	St.	1/4"	1	379.00
583227	St.	3/8"	1	377.00
583228	Elbow	1/4"	1	1374.00
583229	Elbow	3/8"	1	1431.00

**40 Conical Flask**

**Material:** PC confirming to US FDA 21 CFR Autoclavable

Break resistant, autoclavable, transparent polycarbonate flasks have excellent mechanical strength.

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
441150	250	6	1382.00	31510.00

For Bulk Pack add suffix A after the Code No.

**Baffled Flask**

**Material:** PC confirming to US FDA 21 CFR Autoclavable

Baffles increase aeration or gas exchange.

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
441170	250	6	1570.00	35796.00

For Bulk Pack add suffix A after the Code No.



40

**41 Conical Flask with Screw Cap**

**Material:** PC confirming to US FDA 21 CFR Autoclavable

Same as above flask with added advantage of polypropylene screw cap. Used for preparation and storage of culture media.

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
441160	250	6	1570.00	35796.00

For Bulk Pack add suffix A after the Code No.



41

**42 Conical Flask**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
441110	100	6	487.00	11104.00
441120	250	6	588.00	13406.00
441130	500	6	982.00	22390.00

For Bulk Pack add suffix A after the Code No.



42

**43 Utility Carrier**

**Material:** PP Autoclavable

Code	(Lxwxh) mm	Packing	Price/Pack	Price/12 Packs
240080	380x240x115	2	1511.00	17225.00

For Bulk Pack add suffix A after the Code No.



43



44

44

**Wash Bottle**

*Material : LOPE confirming to US FDA 21 CFR*

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
560010	125	12	394.00	8983.00
560020	250	12	699.00	15937.00
560030	500	6	502.00	11446.00
560040	1000	6	923.00	21044.00

For Bulk Pack add suffix A after the Code No.



45

45

**Narrow Mouth Wash Bottle**

*Material: LOPE confirming to US FDA 21 CFR*

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
560050	125	12	452.00	10306.00
560060	250	12	730.00	16644.00
560070	500	6	545.00	12426.00
560080	1000	6	968.00	22070.00

For Bulk Pack add suffix A after the Code No.



46

46

**Wide Mouth Wash Bottle**

*Material : LOPE confirming to US FDA 21 CFR*

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
560089	250	12	801.00	18263.00
560090	500	6	610.00	13908.00
560091	1000	6	1069.00	24373.00

For Bulk Pack add suffix A after the Code No.



47

47

**Wash Bottle New Type**

*Material : LOPE confirming to US FDA 21 CFR*

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
561100	125	12	559.00	12745.00
561110	250	12	964.00	21979.00
561120	500	6	534.00	12175.00
561130	750	6	769.00	17533.00

For Bulk Pack add suffix A after the Code No.



48

**Wide Mouth Autoclavable Wash Bottle***Material: PP*

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
620080	500	6	1143.00	6515.00
620090	1000	6	1907.00	10870.00

For Bulk Pack add suffix A after the Code No.



48

*Material: LOPE/PP*

49

**Self-Venting Labeled Wash bottle**

Non Metallic self-venting Labeled Wash bottles have chemical name, International Chemical Society (ICS) chemical formula and Chemical Abstract Service (CAS) number. Each bottle has a colour bar which corresponds to its coloured closure to prevent cross contamination.

Code	Capacity	Chemical	Packing	Price/Pack	Price/12 Packs
562010	500 ml	Acetone	6	921.00	10499.00
562011	500 ml	Distilled Water	6	921.00	10499.00
562012	500 ml	Isopropanol	6	921.00	10499.00
562013	500 ml	Ethanol	6	921.00	10499.00
562014	500 ml	Methanol	6	921.00	10499.00
562015	500 ml	Sodium Hypochlorite	6	921.00	10499.00
562020	500 ml	Assorted	6	921.00	10499.00
563010	1000 ml	Acetone	6	1618.00	18445.00
563011	1000 ml	Distilled Water	6	1618.00	18445.00
563012	1000 ml	Isopropanol	6	1618.00	18445.00
563013	1000 ml	Ethanol	6	1618.00	18445.00
563014	1000 ml	Methanol	6	1618.00	18445.00
563015	1000 ml	Sodium Hypochlorite	6	1618.00	18445.00
563018	1000ml	Assorted	6	1618.00	18445.00

For Bulk Pack add suffix A after the Code No.



49

50

**Dropping Bottle***Material : LOPE*

Code	Capacity ml.	Packing	Price/Pack	Price/ 24 Packs
620010	60	12	335.00	7638.00
620020	120	12	490.00	11172.00

For Bulk Pack add suffix A after the Code No.



50

51

**Dropping Bottle***Material: LOPE*

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
620030	15	12	328.00	7478.00
620040	30	12	393.00	8960.00
620050	60	12	484.00	11035.00
620060	125	12	627.00	14296.00
620070	250	12	946.00	21569.00

For Bulk Pack add suffix A after the Code No.



51



52



53

**52 Volumetric Flask Class B**

**Material:** PMP (TPX \*) Confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack
322000	10	6	5419.00
322010	25	6	5426.00
322020	50	6	6880.00
322030	100	6	7189.00
322040	250	5	6875.00
322050	500	4	6533.00
322060	1000	3	5621.00

**53 Volumetric Flask Class A**

**Material:** PMP (TPX\*) I PP Confirming to US FDA 21 CFR Autoclavable

These translucent individually ring marked flask have tolerance as per DIN EN ISO 1042, Class A, with imprinted lot no and certificate. They have standard NS polypropylene stoppers.

Code	Capacity ml.	Packing	Price/Pack
324000	10	1	1114.00
324010	25	1	1167.00
324020	50	1	1657.00
324030	100	1	1882.00
324040	250	1	2220.00
324050	500	1	2409.00
324060	1000	1	2860.00

**AMBER Volumetric Flask Class A**

**Material:** PMP (TPX\*) Confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack
323110	10	1	2350.00
323120	25	1	2521.00
323130	50	1	2785.00
323140	100	1	3163.00
323150	250	1	3614.00
323160	500	1	4366.00

**54 PFA Volumetric Flask Class A**

**Material:** PFA Confirming to US FDA 21 CFR Autoclavable

These individually calibrated ring marked flask have tolerance per DIN 12681 Class A. They have PFA screw cap. They are very suitable for use within elemental trace analysis.

Code	Capacity ml.	Packing	Price/Pack
323020	25	1	16405.00
323030	50	1	16858.00
323040	100	1	20921.00
323050	250	1	21750.00
323060	500	1	30028.00

**55 Imhoff Setting Cone**

**Material:** SAN

Designed for determining settleable matters in water and waste effluent. The leak proof closure makes possible to withdraw sediment for gravimetric analysis and also aids in cleaning.

Code	Capacity ml.	Packing	Price/Pack
341000	1000	3	11807.00

**Imhoff Setting Cone Rack**

**Material:** Acrylic

Made of durable acrylic. Holds 3 Imhoff cones.

Code	Places	Packing	Price/Pack
342000	3	1	10480.00



54



55

**56 Measuring Cylinder Class B**

**Material :** PP confirming to US FDA 21 CFR Autoclavable

These translucent autoclavable cylinders are Class "B" as per DIN 12681/ISO6706 and have stable hexagonal base. The graduations are ring moulded for better reading.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Pack
345010	10	12	1572.00	8960.00
345020	25	12	1874.00	10682.00
345030	50	12	2123.00	12101.00
345040	100	6	1355.00	7724.00
345050	250	6	2182.00	12437.00
345060	500	6	2823.00	16091.00
345070	1000	4	2441.00	13914.00
345080	2000	4	5843.00	33305.00

For Bulk Pack add suffix A after the Code No.

**57 Measuring Cylinder Class B**

**Material:** PMP (TPX\*) confirming to US FDA 21 CFR Autoclavable

These transparent autoclavable cylinders are Class "B" as per DIN 12681/ISO6706 and have stable hexagonal base. The graduations are ring moulded for better reading.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Pack
346010	10	12	2511.00	14313.00
346020	25	12	3339.00	19032.00
346030	50	12	3834.00	21854.00
346040	100	6	2357.00	13435.00
346050	250	6	3766.00	21466.00
346060	500	6	5589.00	31857.00
346070	1000	4	5663.00	32279.00
346080	2000	4	10013.00	57074.00

For Bulk Pack add suffix A after the Code No.

**58 Measuring Cylinder Class A**

**Material:** PMP (TPX\*) confirming to US FDA 21 CFR Autoclavable

Transparent cylinders with ring moulded graduations have tolerance per DIN12681, Class A accuracy is individually checked. Test Certificate indicates lot number and year of production which is marked on the Cylinder.

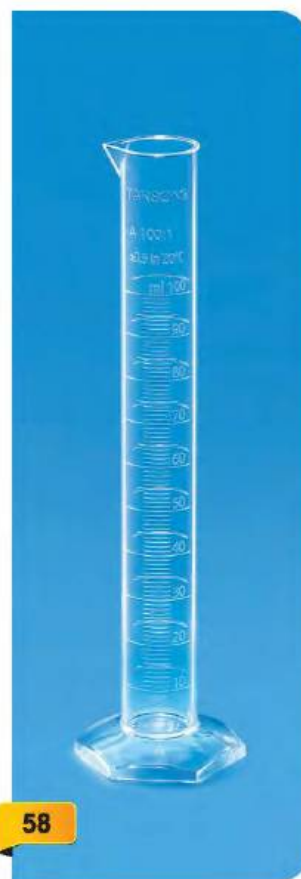
Code	Capacity ml.	Packing	Price/Pack
343020	25	1	974.00
343030	50	1	1112.00
343040	100	1	1380.00
343050	250	1	2189.00
343060	500	1	3225.00
343070	1000	1	4761.00
343080	2000	1	7831.00

**59 Measuring Cylinder Class B Blue Raised Graduation**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/6 Pack
345011	10	12	3264.00	18605.00
345012	25	12	4341.00	24744.00
345013	50	12	4984.00	28409.00
345014	100	6	3064.00	17465.00
345015	250	6	4896.00	27907.00
345016	500	6	7266.00	41416.00
345017	1000	4	7362.00	41963.00
345018	2000	4	13017.00	74197.00

For Bulk Pack add suffix A after the Code No.





**60 Beaker**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
421010	50	12	259.00	5905.00
421020	100	12	290.00	6612.00
421040	250	12	518.00	11810.00
421050	500	6	402.00	9166.00
421060	1000	4	552.00	12586.00
421070	2000	4	975.00	22230.00
421080	5000	2	1193.00	27200.00
421090	10000	1	1047.00	23872.00

For Bulk Pack add suffix A after the Code No.



**61 Beaker**

**Material :** PMP (TPX\*)confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
422000	50	12	521.00	5939.00
422010	100	12	719.00	8197.00
422020	250	12	1501.00	17111.00
422030	500	6	1367.00	15584.00
422040	1000	4	1408.00	16051.00
422050	2000	4	2264.00	25810.00
422060	5000	2	2241.00	25547.00
422070	10000	1	2240.00	25536.00

For Bulk Pack add suffix A after the Code No.



**62 Measuring Beaker with Handle**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

These beakers are provided with large sturdy handles for safe handling of acids, alkalies and other dangerous solutions.

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
431040	100	6	229.00	5221.00
431050	250	6	391.00	8915.00
431060	500	6	696.00	15869.00
431070	1000	4	916.00	20885.00
431080	2000	4	1374.00	31327.00
431010	3000	4	1823.00	41564.00
431090	5000	2	1511.00	34451.00

For Bulk Pack add suffix A after the Code No.



**63 Measuring Beaker with Handle**

**Material:** PMP (TPX\*) confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/12 Packs
441040	100	6	483.00	5506.00
441050	250	6	865.00	9861.00
441060	500	6	1571.00	17909.00
441070	1000	4	1840.00	20976.00
441080	2000	4	2718.00	30985.00
441071	3000	4	3557.00	40550.00
441090	5000	2	2379.00	27121.00

For Bulk Pack add suffix A after the Code No.

**64 PFA Beaker**

**Material:** PFA conforming to US FDA 21 CFR

Code	Capacity ml.	Packing	Price/Pack
432010	25	1	2295.00
432020	50	1	2886.00
432030	100	1	4027.00
432040	250	1	6786.00
432050	500	1	10512.00
432060	1000	1	18696.00



64

**65 Chemware Boiling Stones**

Boiling stones of PTFE promotes efficient boiling preventing superheating and minimize bumping during reflux and speed distillation. Stones will not scratch or abrade glassware. Can be used upto maximum temperature of 288° C

Code	Description	Packing	Price/Pack
900000	Boiling Stones	1 lb	9500.00



65

**66 Utility Tray**

**Material:** PP Autoclavable

Code	(Lxwxh) mm	Packing	Price/Pack	Price/12 Packs
242000	320x260x70	6	2103.00	23974.00
242010	320x260x100	6	2624.00	29914.00
240070	360x310x130	6	3673.00	41872.00
240090	540x435x130	6	5031.00	57353.00

For Bulk Pack add suffix A after the Code No.



66

**67 Instrument Sterilizing Pan**

**Material:** PP Autoclavable

These autoclavable pans have cover which fits into groove of pan to minimize spillage of material. Smaller size can be used to sterilize small instruments whereas the larger size allows pipettes to be fully immersed in disinfectant prior to sterilizing.

Code	(Lxwxh) mm	Packing	Price/Pack	Price/12 Packs
551010	220x150x70	2	954.00	10876.00
551020	450x150x70	2	1747.00	19916.00

For Bulk Pack add suffix A after the Code No.



67



68

68

### Plate Stand

Material: Steel / SS Rod

Code	Size cm	Rod Length cm	Packing	Price/Pack
141030	20x30	56	1	4229.00
141040	20x30	80	1	5120.00
141050	20x30	100	1	5788.00

30



69

69

### Universal Stand

Material: Al / SS Rod

Code	Size cm	Rod Length cm	Packing	Price/Pack
141060	46x42	100	1	26768.00



70

70

### Boss Head Clamp

Material: AL

Code	Fitment	Packing	Price/Pack
141070	Plate Stand	1	2671.00
141080	Universal Stand	1	5454.00

**71 Retort Stand**

*Material: PP / SS Rod*

Code	lxb cm	Packing	Price/Pack	Price/6 Packs
143010	22x15 central	1	2400.00	13680.00
143020	30x20 central	1	2662.00	15173.00
144010	22x15 side	1	2400.00	13680.00
144020	30x20 side	1	2662.00	15173.00

For Bulk Pack add suffix A after the Code No.

**72 Retort Stand**

*Material: PP / PE Coated Rod*

Code	lxb cm	Packing	Price/Pack	Price/6 Packs
141010	22x15 central	1	1069.00	6093.00
141020	30x20 central	1	1353.00	7712.00
142010	22x15 side	1	1069.00	6093.00
142020	30x20 side	1	1353.00	7712.00

For Bulk Pack add suffix A after the Code No.



71&72

**73 Surette Clamp**

*Material: PP*

Code	Description	Packing	Price/Pack	Price/6 Packs
121100	Single	6	1048.00	5974.00
121200	Double	6	1443.00	8225.00

For Bulk Pack add suffix A after the Code No.



73

**74 Separatory Funnel Holder**

*Material: PP*

Code	Description	Packing	Price/Pack	Price/6 Packs
123000	Single	6	1570.00	8949.00

For Bulk Pack add suffix A after the Code No.



74

**75 Funnel Holder**

*Material: PP*

Code	Description	Packing	Price/Pack	Price/6 Packs
122100	Single	6	1048.00	5974.00
122200	Double	6	1443.00	8225.00

For Bulk Pack add suffix A after the Code No.



75



76



77



78



79

76

**Funnel**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Autoclavable Funnels designed for use with standard filter paper. The funnel body is at 60° angle with internal ribs at 58° for rapid filtration. External ribs prevent air locks

Code	Size Dia mm	Filter paper Dia mm	Packing	Price/Pack	Price/6 Packs
630010	35	55	36	414.00	2360.00
630020	50	70	36	448.00	2554.00
630030	55	90	36	481.00	2742.00
630040	65	110	36	545.00	3107.00
630050	75	125	36	691.00	3939.00
630060	90	150	12	481.00	2742.00
630070	100	185	12	580.00	3306.00
630090	160	240	6	580.00	3306.00

For Bulk Pack add suffix A after the Code No.

77

**Funnel Short Stem**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Code	Size Dia mm	Packing	Price/Pack	Price/12 Packs
641010	55	100	819.00	9337.00
641020	65	100	910.00	10374.00

For Bulk Pack add suffix A after the Code No.

78

**Powder Funnel**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Used for transferring powder. Parallel stem minimize bridging of powder and external ribs prevent air lock.

Code	Size Dia mm	Packing	Price/Pack	Price/6 Packs
650010	65	36	689.00	3927.00
650020	80	36	962.00	5483.00
650030	100	12	735.00	4190.00
650040	150	6	689.00	3927.00

For Bulk Pack add suffix A after the Code No.

79

**Large Carboy Funnel**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Large funnel is ideal for filling drum, barrel, tank and carboy. The two smaller sizes have handle at the rim.

Code	Size Dia mm	Packing	Price/Pack	Price/6 Packs
642060	200	2	684.00	3899.00
642070	250	2	1155.00	6584.00
642080	350	1	1855.00	10574.00

For Bulk Pack add suffix A after the Code No.



**80 Separatory Funnel**

*Material: PP confirming to US FDA 21 CFR Autoclavable*

Code	Capacity ml	Packing	Price/Pack
641110	250	2	817.00
641120	500	2	1077.00



80

**81 Buchner Funnel**

*Material: PP confirming to US FDA 21 CFR Autoclavable*

Code	Dia mm	Packing	Price/Pack
643010	70	6	1590.00
643020	110	2	664.00



81

**82 Filtering Flask**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

Code	Capacity ml	Packing	Price/Pack
442110	500	2	581.00
442120	1000	2	922.00
442130	1500	2	1155.00



82

**83 Test Tube Basket with Cover**

*Material : PP Autoclavable*

During autoclaving do not stack or place other objects on the top of basket.

Code	(Lxbxh) mm	Packing	Price/Pack	Price /12 Packs
180010	110x120x150	6	935.00	10659.00
180020	180x170x160	6	1455.00	16587.00
180030	230x230x230	4	1215.00	13851.00

For Bulk Pack add suffix A after the Code No.



83

**84 Draining Tray**

*Material: PC Autoclavable*

These autoclavable perforated trays can be placed in a sink for cleaning Glassware and Plasticware to decrease the chance of damage. All corners are rounded and smooth for easy cleaning. Can be used for autoclaving also.

Code	(Lxbxh) mm	Packing	Price/Pack
109000	400x300x100	6	4281.00



84



85

85

**Membrane Filter Holder - 47 mm**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

Code	Cap. upper Chamber ml	Cap. lower Chamber ml	Packing	Price/Pack	Price/6 Packs
050010	250	250	1	5288.00	30142.00
050020	500	500	1	6915.00	39416.00
050030	500	1000	1	9353.00	53312.00
050011	Spare Seal Kit for 050010		1	1146.00	6532.00
050021	Spare Seal Kit for 050020 and 050030		1	1405.00	8009.00

For Bulk Pack add suffix A after the Code No.



86

86

**Filter Holder with Funnel**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

This Funnel can be used with filtering flask or manifold

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
050041	250	1	4881.00	27822.00

For Bulk Pack add suffix A after the Code No.

34



87

87

**Filter Funnel with Clamp - 47mm Membrane**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

Non toxic, unbreakable polysulfone funnel is used in microbial and particulate analysis. Aluminium clamp allows one handed operation. Funnels do not leak after repeated autoclaving.

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
050040	250	1	7525.00	42893.00

For Bulk Pack add suffix A after the Code No.



88

88

**Vacuum Manifold**

**Material:** SS / PTFE Autoclavable

Designed with three vacuum outlets each with leak proof two way valve and vent port.

Code	Places	Packing	Price /Pack
050070	1	1	24402.00
050050	3	1	58970.00
050080	6	1	113870.00

**89 Reusable Bottle Top Filter**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

This autoclavable, reusable filter housing can be screwed onto standard glass media bottle with 45 mm neck size. Removable membrane support plate is designed to provide maximum flow rate and through put. This unit does not include glass media bottle.

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
050060	250	1	5490.00	31293.00
050061	500	1	6507.00	37090.00

For Bulk Pack add suffix A after the Code No.



89

**90 Syringe Filter**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

Code	Size mm	Packing	Price/Pack	Price/6 Packs
521090	25	2	1849.00	10539.00

For Bulk Pack add suffix A after the Code No.



90

**91 In Line Filter Holder -47 mm**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

Used for in-line removal of particles or microbial contaminants from liquid and gases. Tubing connectors accepts 9.5 mm I.D. tubing and can be replaced by a Luer-Lok fitting enabling to be used with a syringe.

Code	Size mm	Packing	Price/Pack	Price/6 Packs
521080	47	1	3966.00	22606.00

**Open Faced Filter Holder**

**Material:** PSF confirming to US FDA 21CFR Autoclavable

Used for open space sampling of air for particles and microorganisms, for sampling aerosols and environment. The unit can be used for vacuum filtration only. Tubing connector accepts 9.5 mm I.D. tubing.

Code	Size mm	Packing	Price/Pack	Price/6 Packs
521070	47	1	3863.00	22019.00

For Bulk Pack add suffix A after the Code No.



91

**92 Hand operated Vacuum pump**

**Material:** PVC

Durable vacuum pump attain and hold vacuum of 25 inch of Hg. The pump has 15 cc/stroke pumping rate and 7 psig positive pressure at the exhaust port.

Code	Packing	Price/Packs
402002	1	10404.00



92



93

93

### Pipette Controller

*Material: PP / Silicone*

Pipette Controller offers safer more convenient filling and dispensing for glass and plastic pipettes from 1 ml to 100 ml pipettes. Pull the slide lever when vacuum is needed. A single rocker switch accurately controls aspiration and dispensing. Disposable, in-line filter prevents contamination.

Code	Capacity ml	Packing	Price/Pack
2010	1-100	1	3709.00



94

94

### Handypette Pipette Aid

*Material: PP / Silicone*

Code	Capacity ml	Packing	Price/Pack
032000	10	4	2956.00
033000	25	4	3268.00

36



95

95

### Pipette Bulb

*Material : Natural Rubber*

Code	Capacity ml	Packing	Price/Pack
034000	Upto 100	4	2775.00



96

96

### Pipettor Stand

*Material: PMMA*

Code	Place	Packing	Price/Pack
030080	5	1	2490.00

97

### Pipette Stand Vertical

Material: PP Autoclavable

Code	Places	Packing	Price/Pack	Price/12 Packs
161010	28	1	663.00	7558.00

For Bulk Pack add suffix A after the Code No.



97

98

### Rotary Pipette Stand Vertical

Material : PP

Code	Places	Packing	Price /Pack	Price/12 Packs
161040	94	1	777.00	8858.00

For Bulk Pack add suffix A after the Code No.



98

99

### Pipette Washer

Material: PP

Code	Pipette Length cm	Packing	Price/Pack	Price/6 Packs
160010	40	1	8516.00	48541.00

For Bulk Pack add suffix A after the Code No.



99



38

**100**

**Steripette Pro**

*Lightweight and UV resistant with Lithium Ion Battery*

Code	Description	Packing	Price/Pack	Price/4 Packs
2040X	Steripette Pro	1	27500.00	104500.00
2041X	Spare Filter	3	1988.00	

*For Bulk Pack add suffix A after the Code No.*

101

### Serological Pipette Sterile

Material : PS

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
940010	1	500	5720.00	32604.00
940020	2	500	6240.00	35568.00
940030	5	250	4940.00	28158.00
940040	10	200	4160.00	23712.00
940000	25	200	8944.00	50981.00
940001	50	100	15184.00	86549.00

For Bulk Pack add suffix A after the Code No.



101

102

### Pipette Storage Rack with magnet

Material: ABS

ABS Plastic construction is scratch resistant and easily cleaned. Each Rod includes two accessory attachment to hold pipette filler and pipette bulb. Racks hold 1ml to 25ml pipette in bulk packs or in common sizes of cans. They feature 4 angled compartments for easy loading and retrieval. Unique "windows" allow viewing of enclosed pipettes to determine supply level.

Code	Packing	Price/Pack	Price/6 Packs
161050	1	2766.00	15766.00

For Bulk Pack add suffix A after the Code No.



102

103

### Pipette Rack Horizontal

Material: PP Autoclavable

Code	Places	Packing	Price/Pack	Price/6 Pack
162010	12	6	1200.00	6840.00

\* Rods are not autoclavable

For Bulk Pack add suffix A after the Code No.



103

The Digital Burette has a recirculating valve and double piston pump for permanent and pulse free dispensing technique which allows the desired volume to be dispensed continuously thus eliminating the need for new liquid aspiration each time. The medium is dispensed by simply rotating the wheels with a dispensing rate of 2,500  $\mu$ l per rotation. The display ranges from 0.01 ml to 999.9 ml. The 360° rotatable discharges tube can be horizontally set from 142-200 mm and vertically from 210-370 mm.



104

Digital Surette

Code	Type	Volume/Turn $\mu$ l	Packing	Price/Pack
531000	Titertop E	2500	1	78125 .00
531001	Titertop RS	5000	1	78125 .00





These autoclavable Bottle Top dispensers are used for taking accurate aliquots of liquid from a large bottle. These are very useful and important when handling aggressive liquids such as solvents ensuring safety and avoiding wastage. The recirculating valve in Masterpense Dispenser allows recirculating during Priming, to avoid risk of splashes caused by air bubbles during priming and also avoids reagent waste. Valve control knobs indicates the valve position. These dispenser comes with 3 thread adaptors and telescopic intake tubes.

#### 105 Accupense Bottle Top Dispenser

Code	Capacity ml	Packing	Price/Pack
050090	0.2 - 2	1	26472.00
050091	0.5 - 5	1	26472.00
050092	1 - 10	1	26472.00
050093	2.5-25	1	38094.00
050094	5-50	1	39385.00
050095	20 - 100	1	52945.00

#### 106 Masterpense Bottle Top Dispenser

Volume Range	Dispensing Step	Inaccuracy	Imprecision
0.25 - 2.5ml.	0.05ml.	± 0.6%	≤ 0.1%
0.5 - 5ml.	0.10ml.	± 0.5%	≤ 0.1%
1 - 10ml.	0.20ml.	± 0.5%	≤ 0.1%
2.5 - 25ml.	0.50ml.	± 0.5%	≤ 0.1%
5 - 50ml.	1.00ml.	± 0.5%	≤ 0.1%
20 - 100ml.	2.00ml.	± 0.5%	≤ 0.1%

Test Condition Liquid distilled Water Reference Temp. 25°C - 27°C

Code	Capacity ml	Packing	Price/Pack
051190	0.2 - 2	1	29701.00
051191	0.5 - 5	1	29701.00
051192	1 - 10	1	29701.00
051193	2.5 - 25	1	40161.00
051194	5-50	1	41968.00
051195	20-100	1	55290.00

- Rugged construction
- Extremely smooth Piston movement
- Autoclavable Tip Ejector & Tip holder
- Easy to maintain
- Individual factory calibration certificate with each FIXAPETTE



42

107

**FIXAPETTE™ - Fixed Volume Pipette**

Code	Capacity ul	Model	Packing	Price/Pack	Price/6 Packs
031010	2	F2	1	1743.00	9935.00
031020	5	F5	1	1743.00	9935.00
031030	10	F10	1	1743.00	9935.00
031040	20	F20	1	1743.00	9935.00
031050	25	F25	1	1743.00	9935.00
031060	50	F50	1	1743.00	9935.00
031070	100	F100	1	1743.00	9935.00
031080	200	F200	1	1743.00	9935.00
031090	250	F250	1	1743.00	9935.00
031100	300	F300	1	1743.00	9935.00
031110	400	F400	1	1743.00	9935.00
031120	500	F500	1	1743.00	9935.00
031130	1000	F1000	1	1743.00	9935.00

For Bulk Pack add suffix A after Code No.

- Rugged construction
- Extremely smooth Piston movement
- Autoclavable Tip Ejector & Tip holder
- Easy to maintain
- Individual factory calibration certificate with each ACCUIPET
- T 5000 and T 10ml does not have Tip Ejector



**108 ACCUIPET™ - Variable Volume Pipette**

Material : PVDF/ISS

Code	Capacity µl	Model	Packing	Price/Pack	Price/6 Packs
030000	0.5-2	T2	1	5255.00	28377.00
030010	1-10	T10	1	5255.00	28377.00
030020	2-20	T20	1	5255.00	28377.00
030030	10-100	T100	1	5255.00	28377.00
030040	20-200	T200	1	5255.00	28377.00
030050	200-1000	T1000	1	5255.00	28377.00
030060	1000-5000	T5000	1	5255.00	28377.00
030070	1000-10000	T10ml	1	5255.00	28377.00

For Bulk Pack add suffix A after Code No.

**Starter Kit**

Code	Model	Packing	Price/Pack
030090	1 each of T 2, T10, T20, T100, T200, T1000	1 Set	28377.00

T2	T10	T20	T100	T200	T1000	T5000	T10 ml
2	1	2	1	2	1	0	1
0	0	0	0	0	0	5	0
0	0	0	0	0	0	0	0
2 µl	10 µl	20 µl	100 µl	200 µl	1 ml	5 ml	10 ml

Specifications			
Model	Volume µl	Accuracy %	Precision %
T2	0.5	±5.0	< 2.5
	1.0	±2.5	< 1.5
	2.0	±1.5	< 0.7
T10	1	±2.5	< 1.2
	5	±1.5	< 0.6
T20	2	±5.0	< 1.5
	10	±1.0	< 0.5
	20	±1.0	< 0.3
T100	10	±3.0	< 1.0
	50	±1.0	< 0.3
	100	±0.8	< 0.2
T200	20	±2.5	< 0.7
	100	±1.0	< 0.3
T1000	200	±0.6	< 0.2
	100	±3.0	< 0.6
	500	±1.0	< 0.2
T5000	1000	±0.6	< 0.2
	1000	±1.2	< 0.3
	2500	±0.6	< 0.3
	5000	±0.6	< 0.2

**109 8 Channel Pipette (Non Autoclavable)**

Code	Capacity ul	Increment ul	Packing	Price/Pack
032010	0.5 - 10	0.1	1	17540.00
032011	5 - 50	1	1	17540.00
032012	50 -300	5	1	17540.00



44

**110 12 Channel Pipette (Non Autoclavable)**

Code	Capacity ul	Increment ul	Packing	Price/Pack
032020	0.5-10	0.1	1	18570.00
032021	5 - 50	0.5	1	18570.00
032022	50 - 300	5	1	18570.00

Specifications					
Model	Volume ul	Increment	Test Volume	Inaccuracy±	Imprecision±
8ch 0.5-10ul	0.5-10ul	0.1ul	10ul	1.50%	1.50%
			5ul	2.50%	2.50%
			1ul	4.00%	4.00%
8ch 5-50ul	5-50ul	0.5ul	10ul	1.00%	0.50%
			5ul	1.50%	1.00%
			1ul	3.00%	2.00%
8ch 50-300ul	50-300ul	5ul	10ul	0.70%	0.25%
			5ul	1.00%	0.50%
			1ul	1.50%	0.80%
12ch 0.5-10ul	0.5-10ul	0.1ul	10ul	1.50%	1.50%
			5ul	2.50%	2.50%
			1ul	4.00%	4.00%
12ch 5-50ul	5-50ul	0.5ul	10ul	1.00%	0.50%
			5ul	1.50%	1.00%
			1ul	3.00%	2.00%
12ch 50-300ul	50-300ul	5ul	10ul	0.70%	0.25%
			5ul	1.00%	0.50%
			1ul	1.50%	0.80%

### 111 Universal Micro Tip Box-TARSONS TIPS

**Material:** PP conforming to US FDA 21 CFR Autoclavable

Code	Places	Capacity µl	Packing	Price/Pack	Price/24 Packs
524052	96	0.2-10	10	1410.00	32148.00
524053	96	2-200	10	1410.00	32148.00
524059	96	200-1000	10	1813.00	41336.00

For Bulk Pack add suffix A after the Code No.

\*524052 accepts /arsons Cat 521000 and 521050

\*524053 accepts /arsons Cat 521010, 521014, 521015 and 521019

\*524059 accepts /arsons Cat 521020, 521016, 521040 and 521017



111

### MICRO TIP BOX

Code	Places	Capacity µl	Packing	Price/Pack	Price/24 Packs
524055	96	1250XL	10	1959.00	44665.00

### 112 MACRO TIPS

**Material:** PP

Certified DNase, RNase and Pyrogen free.

Code	Capacity µl	Packing	Price/Pack	Price/24 Packs
521031	5 ml Grad Eppendort®	100	416.00	9485.00
521032	Tip 5 ml Tarsons / Gilson®	100	416.00	9485.00
521036	5 ml Thermo®	100	416.00	9485.00
521033	Tip 10 ml	100	832.00	18970.00
521034	Tip 10 ml XL	100	1100.00	25080.00

For Bulk Pack add suffix A after the Code No.



112

### 113 MACRO TIPS BOX

Code	Capacity µl	Places	Packing	Price/Pack	Price/6 Packs
524056	5ml Gilson®	18	2	952.00	5426.00
524057	5ml Eppendort®	18	2	952.00	5426.00
524061	5ml Thermo®	28	2	952.00	5426.00
524058	10ml	18	2	952.00	5426.00

For Bulk Pack add suffix A after the Code No.



113

### 114 Reagent Reservoir

**Material:** PP conforming to US FDA 21 CFR Autoclavable

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
524090	75	12	1050.00	23940.00

For Bulk Pack add suffix A after the Code No.



114

### 115 Universal Reagent Reservoir

**Material:** PP conforming to US FDA 21 CFR Autoclavable

Code	Capacity ml	Packing	Price/Pack	Price /24 Packs
524091	50	6	769.00	17533.00

For Bulk Pack add suffix A after the Code No.



115

**Micro Tips**

**Material :** Virgin hydrophobic medical grade polypropylene autoclavable, free of lubricants, dyes and heavy metals.  
**Certified DNase, RNase and Pyrogen free.**



Capacity $\mu$ L	Length	Compatibility	Bulk	Racked	Racked Sterile
10 Grad	34	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521000	521100	522100
10xl / 20 Grad	43.9	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521050	521108	522108
200 Beveled	50.8	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521010		
200 Beveled Yellow	50.8	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521010-Y		
200 Grad	52.6	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521014	521101	522101
200 Grad Yellow	52.6	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521014-Y	521101-Y	522101-Y
250 Grad	54.9	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521019	521107	522109
300 Grad	55	Biohit <sup>®</sup> , Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Nichiryo <sup>®</sup> , Rainin <sup>®</sup> , Tarsons <sup>®</sup>	521015	521102	522102
1000 Beveled Grad	70.9	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521020		
1000 Beveled Grad Blue	70.9	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521020-B		
1000 Grad	70.6	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521016	521103	522103
1000 Grad Blue	70.6	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521016-B	521103-B	522103-B
1000 Wide Bore	73.4	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521017		
1250	75.4	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521040	521104	522104
1250 XL Grad	97.9	Eppendorf <sup>®</sup> , Finnpiquette <sup>®</sup> , Gilson <sup>®</sup> , Tarsons <sup>®</sup>	521018	521111	522105

**116 Micro Tips**

*Material: PP Autoclavable.*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price/Pack	Price/96 Packs
521000	0.2-10	1000	500.00	45600.00
050	10 XL/ 20 ul	1000	500.00	45600.00
521010	2-200	1000	400.00	36480.00
521010-Y	2-200Yellow	1000	400.00	36480.00
521014	200 Ref	1000	407.00	37118.00
521014-Y	200 Ref Yellow	1000	407.00	37118.00
521015	50-300 Ref	1000	510.00	46512.00
521019	250 ul	1000	407.00	37118.00
521020	200-1000	500	300.00	27360.00
521020-B	200-1000 Blue	500	300.00	27360.00
521016	1000 Ref	500	300.00	27360.00
521016-B	1000 Ref Blue	500	300.00	27360.00
521017	Tip1000 Wide Bore	500	460.00	41952.00
521040	1250	500	346.00	31555.00
521018	Tip1250 XL	500	434.00	39581.00

For Bulk Pack add suffix A after the Code No.



10 ul



10 ul XL / 20 ul



200 ul Beveled



200 ul Graduated



300 ul Graduated



1000 ul



1000 ul Graduated



1000 ul Wide Bore



1250 ul

**117 Racked Graduated Tips**

*Material: PP Autoclavable*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
521100	10 ul	960 (10 Racks)	1813	17224
521108	10 XL/ 20 ul	960 (10 Racks)	1813	17224
521101	200 ul	960 (10 Racks)	1846	17537
521101-Y	200 ul Yellow	960 (10 Racks)	1846	17537
521107	250 ul	960 (10 Racks)	1846	17537
521102	300 ul	960 (10 Racks)	1846	17537
521103	1000 ul	960 (10 Racks)	2009	19086
521103-B	1000 ul Blue	960 (10 Racks)	2009	19086
521104	1250 ul	960 (10 Racks)	2009	19086
521111	1250 xi	960 (10 Racks)	2167	20587

For Bulk Pack add suffix A after the Code No

**118 Racked Graduated Tips - Radiation Sterile**

*Material : PP Autoclavable*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
522100	10 ul	960 (10 Racks)	2228.00	21166.00
522108	10 XL/ 20 ul	960 (10 Racks)	2188.00	20786.00
522101	200 ul	960 (10 Racks)	2229.00	21176.00
522101-Y	200 ul Yellow	960 (10 Racks)	2229.00	21176.00
522109	250 ul	960 (10 Racks)	2229.00	21176.00
522102	300 ul	960 (10 Racks)	2229.00	21176.00
522103	1000 ul	960 (10 Racks)	2476.00	23522.00
522103-B	1000 ul Blue	960 (10 Racks)	2476.00	23522.00
522104	1250 ul	960 (10 Racks)	2476.00	23522.00
522105	1250 XL	960 (10 Racks)	2623.00	24919.00

For Bulk Pack add suffix A after the Code No.

## MAXIPENSE™ Low Retention Tips

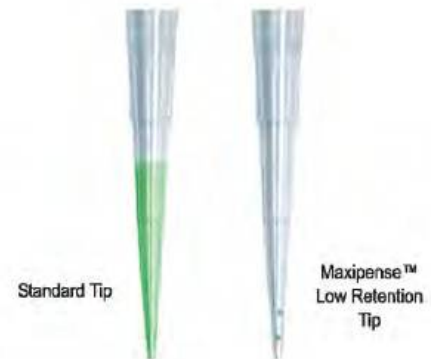
Material : Medical Grade PP confirming USP Class VI



Capacity $\mu$ L	Length	Compatibility	Bulk Non Sterile	Racked Non Sterile	Racked Sterile
10 Grad	34	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523100	524100	526100
10xl / 20 Grad	43.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523109	524108	526108
200 Beveled	50.8	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523101	-	-
200 Grad	52.6	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523102	524101	526101
250 Grad	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523108	524109	526109
300 Grad	55	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523103	524102	526102
1000 Beneled Grad	70.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523104	-	-
1000 Grad	70.6	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523105	524103	526103
1000 Wide Bore	73.4	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523106	-	-
1250	75.4	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523107	524104	526104
1250 XL Grad	97.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523200	524105	526105

48

- Maxipense, low retention surface is achieved by treatment on molecular level, modifying the surface of the polymer with very low co-efficient of friction which is not effected by radiation or autoclaving
- These tips are not coated and are free from any additives which might contaminate your valuable sample, thus eliminates the loss of expensive reagents and having very high reproducible results
- Very useful for sensitive PCR® and real time PCR® applications
- Certified DNase, RNase and Pyrogen free





**119 MAXIPENSE™ Low Retention Tips**

*Material : Medical grade PP conforming to USP Class VI*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
523100	10	1000	857.00	19540.00
523109	10 ulXL/20 ul	1000	857.00	19540.00
523101	200	1000	1061.00	24191.00
523102	200 Graduated	1000	1061.00	24191.00
523108	250 ul	1000	1157.00	26380.00
523103	300 Graduated	1000	964.00	21979.00
523104	1000	500	664.00	15139.00
523105	1000 Graduated	500	664.00	15139.00
523106	1000 Graduated Wide Bore	500	664.00	15139.00
523107	1250	500	664.00	15139.00
523200	1250 XL	500	873.00	19904.00

For Bulk Pack add suffix A after Code No.



10 ul



10 ul XL / 20 ul



200 ul Beveled



200 ul Graduated



300 ul Graduated



1000 ul



1000 ul Graduated



1000 ul Wide Bore



1250 ul

**120 Racked MAXIPENSE™ Low Retention Tips**

*Material: Medical grade PP conforming to USP Class VI*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
524100	10 Graduated	960 (10 Racks)	2464.00	23408.00
524108	10 ulXL/20 ul	960 (10 Racks)	2464.00	23408.00
524101	200 Graduated	960 (10 Racks)	2513.00	23874.00
524109	250 ul Graduated	960 (10 Racks)	2513.00	23874.00
524102	300 Graduated	960 (10 Racks)	2513.00	23874.00
524103	1000 Graduated	960 (10 Racks)	2831.00	26895.00
524104	1250	960 (10 Racks)	2831.00	26895.00
524105	1250 XL	960 (10 Racks)	3164.00	30058.00

For Bulk Pack add suffix A after Code No

**121 Racked MAXIPENSE™ Low Retention Tips Sterile**

*Material : Medical grade PP conforming to USP Class VI*

Certified DNase, RNase and Pyrogen free.				
Code	Capacity ul	Packing	Price//Pack	Price/10 Packs
526100	10 Graduated	960 (10 Racks)	2857.00	27142.00
526108	10 ul XL/20 ul	960 (10 Racks)	2857.00	27142.00
526101	200 Graduated	960 (10 Racks)	2910.00	27645.00
526109	250 ul Graduated	960 (10 Racks)	2910.00	27645.00
526102	300 Graduated	960 (10 Racks)	2910.00	27645.00
526103	1000 Graduated	960 (10 Racks)	3343.00	31759.00
526104	1250	960 (10 Racks)	3343.00	31759.00
526105	1250 XL	960 (10 Racks)	3688.00	35036.00

For Bulk Pack add suffix A after Code No

## Filter Tips

Material : Medical Grade PP confirming USP Class VI



Capacity $\mu$ L	Length mm	Description	Filter Bulk	Filter MAXIPENSE™ Bulk	Filter Racked	Filter MAXIPENSE™ Racked Sterile
10 grad	34	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527100	526111	528100	529100
10XL/20 grad	43.9	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527108	526112	528108	529108
20 grad	52.5	Biohit®, Eppendorf®, Finn pipette®, Nichiryo®, Rainin®, Tarsons®	527101	526113	528101	529101
50 grad	54.9	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527102	526114	528102	529102
100 grad	54.9	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527103	526115	528103	529103
200 grad	54.9	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527104	526116	528104	529104
300 grad	55	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527105	526117	528105	529105
1000	75.4	Biohit®, Eppendorf®, Finn pipette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527106	526118	528106	529106
1250 XL grad	97.9	Eppendorf®, Finn pipette®, Gilson®, Tarsons®	527107	526119	528107	529107

50

- TARSONS filter tips have hydrophobic polyethylene filter which protects samples and pipettes from contamination occurring due to Aerosol transfer
- Autoclavable filter tips are used for PCR<sup>®</sup>, Molecular Biology, Microbiology, Cell Culture and radio active work

Certified DNase, RNase and Pyrogen free



Standard Tip

Filter Tip

**122 Filter Pipette Tips - Bulk pack**

*Material : Medical grade PP conforming to USP Class VI*

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
527100	10	1000	2142.00	48838.00
527108	10 ul XL/20 ul	1000	2142.00	48838.00
527101	20	1000	2314.00	52759.00
527102	50	1000	2314.00	52759.00
527103	100	1000	2314.00	52759.00
527104	200	1000	2314.00	52759.00
527105	300	1000	2314.00	52759.00
527106	1000	500	1478.00	33698.00
527107	1250 ul xi	500	1875.00	42750.00

For Bulk Pack add suffix A after the Code No.

**123 Racked Filter Tips - Sterile**

*Material : Medical grade PP conforming to USP Class VI*

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
528100	10	960 (10 Racks)	3726.00	35397.00
528108	10 ul XL/20 ul	960 (10 Racks)	3826.00	36347.00
528101	20	960 (10 Racks)	3726.00	35397.00
528102	50	960 (10 Racks)	3726.00	35397.00
528103	100	960 (10 Racks)	3726.00	35397.00
528104	200	960 (10 Racks)	3726.00	35397.00
528105	300	960 (10 Racks)	3726.00	35397.00
528106	1000	960 (10 Racks)	4293.00	40784.00
528107	1250 XL	960 (10 Racks)	4582.00	43529.00

For Bulk Pack add suffix A after the Code No.

**124 Filter MAXIPENSE™ Low Retention Tips**

*Material : Medical grade PP conforming to USP Class VI*

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
526111	10 ul	1000	2779.00	63361.00
526112	10XL/20 ul	1000	2879.00	65641.00
526113	20 ul	1000	2974.00	67807.00
526114	50 ul	1000	2974.00	67807.00
526115	100 ul	1000	2974.00	67807.00
526116	200 ul	1000	2974.00	67807.00
526117	300 ul	1000	2974.00	67807.00
526118	1000 ul	500	1809.00	41245.00
526119	1250 ul XL	500	2356.00	53717.00

For Bulk Pack add suffix A after the Code No.

**125 Racked Filter MAXIPENSE™ Low Retention Tips Sterile**

*Material : PP*

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
529100	10 ul	960 (10 Racks)	4871.00	46275.00
529108	10 ulxl/20ul	960 (10 Racks)	4972.00	47234.00
529101	20 ul	960 (10 Racks)	4871.00	46275.00
529102	50 ul	960 (10 Racks)	4871.00	46275.00
529103	100 ul	960 (10 Racks)	4871.00	46275.00
529104	200 ul	960 (10 Racks)	4871.00	46275.00
529105	300 ul	960 (10 Racks)	4871.00	46275.00
529106	1000 ul	960 (10 Racks)	5411.00	51405.00
529107	1250XL	960 (10 Racks)	6110.00	58045.00

For Bulk Pack add suffix A after the Code No.



10 ul



10 ul XL / 20 ul



20 ul



50 ul



100 ul



200 ul



300 ul



1000 ul



126

**126 GRADUATED TIP reload**

Material: PP Autoclavable

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
521105	10 ul	960 (10 Racks)	1237.00	11752.00
521110	10ul XL/20 ul	960 (10 Racks)	1305.00	12398.00
521106	200 ul	960 (10 Racks)	1237.00	11752.00
521109	300 ul	960 (10 Racks)	1237.00	11752.00
521126	1000 ul	960 (10 Racks)	1345.00	12778.00

For Bulk Pack add suffix A after the Code No.



127

**127 MAXIPENSE GRADUATED TIP reload**

Material: PP Autoclavable

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
521116	10 ul	960 (10 Racks)	1684.00	15998.00
521117	10 ul XL/20 ul	960 (10 Racks)	1750.00	16625.00
521118	200 ul	960 (10 Racks)	1684.00	15998.00
521119	300 ul	960 (10 Racks)	1684.00	15998.00
521120	1000ul	960 (10 Racks)	1897.00	18022.00

For Bulk Pack add suffix A after the Code No.



128&129

**128 PUREPACK REFILL RACKED FILTER TIPS - STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
523161	10	960(10 Racks)	2485.00	23608.00
523162	10xl/20	960(10 Racks)	2571.00	24425.00
523163	20	960(10 Racks)	2485.00	23608.00
523164	50	960(10 Racks)	2485.00	23608.00
523165	100	960(10 Racks)	2485.00	23608.00
523166	200	960(10 Racks)	2485.00	23608.00
523167	300	960(10 Racks)	2485.00	23608.00
523168	1000	960(10 Racks)	2864.00	27208.00

For Bulk Pack add suffix A after the Code No.

**129 PUREPACK REFILL MAXIPENSE FILTER TIPS - STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/10 Packs
523171	10	960(10 Racks)	3249.00	30866.00
523172	10xl/20	960(10 Racks)	3312.00	31464.00
523173	20	960(10 Racks)	3249.00	30866.00
523174	50	960(10 Racks)	3249.00	30866.00
523175	100	960(10 Racks)	3249.00	30866.00
523176	200	960(10 Racks)	3249.00	30866.00
523177	300	960(10 Racks)	3249.00	30866.00
523178	1000	960(10 Racks)	3611.00	34305.00

For Bulk Pack add suffix A after the Code No.

**130 PUREPACK MICRO TIPS-STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
520010	10	400	1127.00	25696.00
520011	10xl/20	400	1127.00	25696.00
520012	200	400	1127.00	25696.00
520013	300	400	1127.00	25696.00
520014	1000	400	1216.00	27725.00
521037	5 ml Eppendorf®	100	666.00	15185.00
521038	5 ml Tarsons®	100	666.00	15185.00
521039	5 ml Thermo®	100	666.00	15185.00
521041	10 ml	100	1082.00	24670.00

For Bulk Pack add suffix A after the Code No.

**131 PUREPACK MAXIPENSE MICRO TIPS – STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
520031	10	400	1311.00	29891.00
520032	10xl/20	400	1311.00	29891.00
520033	200	400	1311.00	29891.00
520034	300	400	1311.00	29891.00
520035	1000	400	1508.00	34382.00

For Bulk Pack add suffix A after the Code No.



53

**132 PUREPACK FILTER TIPS – STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
520037	10	400	1813.00	41336.00
520038	10xl/20	400	1813.00	41336.00
520039	20	400	1813.00	41336.00
520040	50	400	1813.00	41336.00
520041	100	400	1813.00	41336.00
520042	200	400	1813.00	41336.00
520043	300	400	1813.00	41336.00
520044	1000	400	2164.00	49339.00

For Bulk Pack add suffix A after the Code No.

**133 PUREPACK MAXIPENSE FILTER TIPS – STERILE**

Code	Capacity ul	Packing	Price/Pack	Price/24 Packs
520050	10	400	2172.00	49522.00
520051	10xl/20	400	2172.00	49522.00
520052	20	400	2172.00	49522.00
520053	50	400	2172.00	49522.00
520054	100	400	2172.00	49522.00
520055	200	400	2172.00	49522.00
520056	300	400	2172.00	49522.00
520057	1000	400	2593.00	59120.00

For Bulk Pack add suffix A after the Code No.

**134 ROCKYVAC™ Vacuum Pump**

- Compact, Light, Aluminium die Cast Construction.
- Oil Free, Piston Powered.
- Use of Liquid filtration for microbiology, suspended solid test, air sampling etc.

ROCKYVACTM is a piston powered and oil free vacuum pump. It contains a moisture trap/vacuum regulator. With light weight ROCKYVACTM is not only suitable for liquid filtration but also perfect for stack or ambient gas sampling.

Code	Model	Packing	Price/Pack	Pack/6 Packs
7010	Rockyvac 300	1	31170.00	177669.00
7011	Rockyvac 400	1	41938.00	
7012	Rockyvac 801	1	58696.00	
7013	Rockyvac 410	1	41938.00	
7022	Rockyvac 430	1	64012.00	
7014	Rockyvac 811	1	58696.00	

CAUTION : Do not use ROCKYVACTM Vacuum pump with any corrosive chemical such as acid alkali and organic air. Avoid any material or liquid sucked down into the pump that will cause serious damage



Specification	Rockyvac™ 300	Rockyvac™ 400	Rockyvac™ 801	Rockyvac™ 410	Rockyvac™ 430	Rockyvac™ 811
Power	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz
Max Power (W)	60	80	200	80	125	200
Max Vacuum	-670 mm/Hg.	-670 mm/Hg	-670 mm/Hg	-730 mm/Hg.	-630 mm/Hg	-735 mm/Hg
Max Flow Rate	18 l/min	34 l/min	68 l/min	20 l/min	28 l/min	40 l/min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM	1450 RPM	1450 RPM	1450 RPM
Horse Power	1/8 HP	1/6 HP	1/3 HP	1/6 HP	1/6 HP	1/3 HP
Net Wt.	4.1 kg	5.2 kg	7.9 kg	5.2 kg	5.5 kg	7.9 kg
Port. Thread	5/16"	5/16"	3/8"	5/16"	5/16"	3/8"
Noise Level	50 dB	52 dB	68 dB	52 dB	52 dB	68 dB

**135 ROCKYVAC™ Oil Free Compressor**

Code	Model	Packing	Price/Pack
7110	Rockyvac 320	1	31818.00
7111	Rockyvac 420	1	41938.00
7112	Rockyvac 440	1	84361.00

- Compact, Light, Aluminium die cast construction.
- Oil Free, Piston Powered.
- Used for Oxygen supply in the water, agitation in ferment tank, aeration test, bubble test.



55

Specification	Rockyvac™ 320	Rockyvac™ 420	Rockyvac™ 440
Power	220V 50 Hz	220V 50 Hz	220V 50 Hz
Max Power (W)	85	125	125
Max Current (A)	0.4	0.6	0.6
Max pressure	80 psi	80 psi	60 psi
Max Flow	0 psi	12 l/min	25 l/min
	20 psi	9.5 l/min	23 l/min
	30 psi	8 l/min	18 l/min
	40 psi	7 l/min	16 l/min
	60 psi	3 l/min	8 l/min
Motor Rotation	1400 RPM	1400 RPM	1400 RPM
Capacitance	24 µf 450 V	34 µf 450 V	3 µf 450 V
Horse Power	1/8 HP	1/6 HP	1/6 HP
Net Wt.	4.1 kg	5.2 kg.	8.4 kg.
Port. Thread	5/16"	5/16"	5/16"
Noise Level	50dB	50dB	50dB

**136 Vacuum Trap Kit**

Code	Capacity ml	Packing	Price/Pack
7125	1000	1	4143.00

• Does not include vacuum pump and membrane filter holder



136

- Compact, Light, diaphragm vacuum pump.
- Oil Free.
- PTFE diaphragm for high corrosion resistance.
- Used with Gel drier, vacuum concentrator etc.



56

### 137 CHEMVAC™ Vacuum Pump

Chemvac™ is a membrane vacuum pump designed to handle most vacuum applications Chemvac™ can be used with gel drying, vacuum concentrators, vacuum ovens and distillation.

Code	Model	Packing	Price/Pack
7016	Chemvac 300	1	91859.00
7017	Chemvac 400	1	119444.00
7018	Chemvac 410	1	119444.00
7019	Vacuum Regulator	1	14391.00

Always ensure to draw in clean air by keeping running the pump for at least 2 minutes after the operation ends to prolong the pumps lifetime.

Specification	Chemvac™ 300	Chemvac™ 400	Chemvac™ 410
Power	220V 50Hz	220V 50 Hz	220V 50Hz
Max Power (W)	60	90	95
Max Current (A)	0.32	0.6	0.6
Max Pressure	-600 mm Hg	-600 mm Hg	-750 mm Hg
V a c c u m	0 mm Mg	22 l/min	34 l/min
	100 mm Mg	17 l/min	29 l/min
	200 mm Mg	13 l/min	25 l/min
	400 mm Mg	7 l/min	12 l/min
	500mm Mg	4 l/min	6 l/min
	550 mm Mg	2 l/min	3 l/min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM
Capacitance	2 u 450 V	4 u 400 V	4 u 450 V
Horse Power	1/8 HP	1/6 HP	1/6 HP
Net Wt.	5.0 kg	7.0 kg	7 kg
Port. Thread	5/16"	5/16"	5/16"
Noise Level	50 dB	50 dB	50 dB



**138 Rotary Vane Vacuum Pump with Moist Filter**

Code No	Model	Packing	Price/Pack
7130	Tanker 130	1	71557.00
7131	Tanker 150	1	83613.00
7132	Tanker 215	1	75858.00
7133	Exhaust Filter for Tanker Pumps	1	15881.00
7126	Lubricant 500 ml	1	3136.00

Specification	Tanker 130	Tanker 150	Tanker 215
Power	220V 50Hz	220V 50Hz	220V 50Hz
Max Power (W)	250	375	250
Max Current (A)	2.5	3	3.5
Max Vacuum	0.1 Torr	0.1 Torr	0.05 Torr
Motor Rotation	1440 RPM	1440 RPM	1440 RPM
Max Flow	70L/Min	127L/Min	36L/Min
Horse Power	1/3 HP	1/2 HP	1/3 HP
Net Wt.	9.6 kg	13 kg	11.4 kg
Noise Level	52 dB	52 dB	52 dB
Dimension LXWXH	31.5X12.2X25.6 cm	33.5X13.8X27 cm	31.5X12.2X25.6 cm
Port thread	5/16"	5/16"	5/16"

- Compact, Light, quiet, low vibration Rotary Vane Pump.
- Used for high volume and medium high vacuum application like vacuum drying, centrifugal concentrator etc.



- Compact, Rugged Construction
- Heavy metal base & rubber feet prevents movement of the shaker during use
- Choice of continuous & touch mode
- Variable speed control
- Maximum speed 3000 RPM
- Includes one hand insert, micro tube insert & cup attachment.



**139 Rotary Vane Vacuum Pump with Moist Filter**

Code	Description	Packing	Price/Pack	Price/6 Packs
3020	SPINIX™ MC-01 with speed control	1	11050.00	62985.00
3001	Spare Cup Attachment	1	223.00	
3002	Spare One hand attachment	1	876.00	
3003	Spare One hand insert	1	290.00	
3004	Spare Micro tube insert	1	1154.00	

For Bulk Pack add suffix A after Code No.

\* MC-01 Includes 3001, 3002, 3003 and 3004



59

### Specification

Speed Range	500 to 2500 RPM
Timer	1 seconds to 99 hrs 59 mins
Orbit	3.6 mm
Maximum weight capacity	4.5 Kgs
Tray Dimension	18x31 cm
Overall dimension	24x38.5x40.5 cm
Ship weight	19 Kgs

### 140 SPINIX™ - Multi Tube Vortex Shaker

Code	Description	Packing	Price/Pack
9010	SPINIX™ Multi Tube Vortexer	1	104382.00
9011	Spare Foam insert for 12X75 Tube	1	2676.00
9012	Spare Foam insert for 15 ml Tubes	1	2676.00
9013	Spare Foam insert for 50 ml Tubes	1	2676.00

- Cat. 9010 contains 1 each of 9011, 9012 and 9013

## Tarsons Spinix™ Shaker

Spinix™ Orbital Shaker is used for mixing liquids in bottles, flasks, test tubes and dishes.

	Model MC-01	Model MC-02	Model MC-03
Specifications			
Code No	3050	3060	3100
Type of Movement	Orbital	Orbital	Reciprocating
Orbital Movement	4mm	10mm	10mm
Permissible Shaking Weight	2 KGS	7.5 KGS	7.5 KGS
Power Input (W)	13W	13W	13W
Power Output (W)	57W	57W	57W
Speed Range	100-800 RPM	20-500 RPM	20-500 RPM
Speed Display	Digital Led	Digital Led	Digital Led
Timer	YES	YES	YES
Timer Display	99 HRS 59 MINS	99 HRS 59 MINS	99 HRS 59 MINS
Operating Mode	Timer and Continuous	Timer and Continuous	Timer and Continuous
Dimension (WXDXH)	30x27x12 CM	36x42x12 CM	36x42x12 CM
Top Plate Dimension	22x22 CM	33x33 CM	33x33 CM
Weight	9.8 KGS	9.0 KGS	9.0 KGS
Permissible Ambient Temperature	5-50° C	5-50° C	5-50° C
Permanent Relative Moisture	90%	90%	90%
Voltage Input	220-240 VAC	220-240 VAC	220-240 VAC
Optional Spares			
Universal Attachment	3051		3061
Flask Holder Attachment	3052		3062
Plastic Lotus Clamp 50 ml-100 ml	441111		441111
Plastic Lotus Clamp 250 ml	441121		441121
Plastic Lotus Clamp 500 ml-1000 ml	441131		441131
Dish Attachment	3053		3063

60



**Dish Attachment with Non Skid Mat**  
Used for shaking petridish, trays and culture flasks.



**Universal Attachment**  
For shaking various vessels by holding them with variable clamping rolls



**Flask Holder Attachment**  
For shaking of round, measuring flask and Erlenmeyer Flask.



**Plastic Lotus Clamp**

**141 Spinix TM Orbital Shaker**

Code No	Description	Packing	Price/Pack
3050	Spinix Orbital Shaker MC 01	1	50272.00
3060	Spinix Orbital Shaker MC 02	1	65218.00

Code No 3050 and 3060 comes with Dish Attachment.  
Other spares are to be ordered separately.

**142 Spinix TM Reciprocating Shaker**

Code No	Description	Packing	Price/Pack
3100	Reciprocating Shaker MC 03	1	67257.00

Code No 3100 comes with Dish Attachment.  
Other spares are to be ordered separately.

**Spares**

Code No	Description	Packing	Price/Pack
3051	Universal Attachment MC 01	1	16985.00
3061	Universal Attachment MC 02	1	18343.00
3052	Flask Holder Attachment MC 01	1	4077.00
3062	Flask Holder Attachment MC 02	1	5163.00
3053	Dish Attachment MC 01	1	2583.00
3063	Dish Attachment MC 02	1	3805.00
441111	Lotus Clamp for fixing Conical Flask 50 -100 ml	1	815.00
441121	Lotus Clamp for fixing Conical Flask 250 ml	1	883.00
441131	Lotus Clamp for fixing Conical Flask 500 ml	1	897.00



**143 Dancing Shaker**

Code	Description	Packing	Price/Pack
3040	Dancing Shaker-MC 01	1	35024.00
3080	Dancing Shaker-MC 02	1	47555.00
3041	Spare Dimpled Mat-MC 01	1	2710.00
3043	Spare Dimpled Mat-MC 02	1	4330.00

- Three dimensional combination of rocking and orbital motion
- Used for staining and destaining gels, blotting techniques and mixing of lab sample
- Non slip platform is continuously adjustable from horizontal to a steep angle
- Low foaming agitation and uniform mixing at slow speed
- Speed adjustable from 0-60 RPM
- Maximum permissible load is 2 kgs.

62



ROCKYMAX Rocking Shaker is used for staining and destaining gels, hybridization procedures, haematology and blotting techniques.

Rockymax has a variable speed powerful DC motor to provide gentle rocking motion. All the moving parts are fitted with bearings for quiet, trouble free and smooth operation.



144

**ROCKYMAX™**

Code	Description	Packing	Price/Pack
4080	RockymaxrM	1	32795.00
4082	Rockymax™- 2Tier	1	39902.00
4081	Spare Dimple Mat	1	3308.00

**Specifications**

Speed	10-50 RPM
Timer	99 hrs 99 mins
Platform Dimension	30 L X 30 B (cm)
Overall Dimension	30W X 30 D X 20 H (cm)
Maximum Load	10 Kgs
Power	AC 230V, 50Hz



- Provides mixing for diffusion, dialysing, extraction etc.
- Rotation can be set from 5-50 RPM
- Timer can be set from 0-99 hrs/1-59 min.
- Rotating disks for Tube dia 10-30 mm.
- Plastic coated spring clips
- Angle of Rotation adjustable from horizontal for minimal mixing to vertical for full end over end mixing

**145 ROTOSPIN™ -Test Tube Rotator**

Code	Description	Packing	Price/Pack
3070	Rotospin™ Test Tube Rotator	1	33716.00
3071	Disk For 24 x 1.5 ml tubes	1	4389.00
3072	Disk For 18 x 15 ml tubes	1	4681.00
3073	Disk For 12 x 50 ml tubes	1	4681.00

Rotating Disk must be ordered separately.



- Provides serial rotation of tubes for extraction, diffusion etc.
- Mixing action can be set from 5-50 RPM
- Timer can be set from 0-99 hrs/ 1-59 min
- Rotating bars for tube dia from 10-30 mm
- Plastic coated spring clips
- Quick, easy coupling for exchange of rotating bars.



65

146

**ROTOSPIN™ - Rotary Mixer**

Code	Description	Packing	Price/Pack
3090X	Rotospin™ Rotary Mixer	1	36259.00
3091X	Bar for 50 x 1.5 ml tube	1	6146.00
3092X	Bar for 20 x 15 ml tube	1	4963.00
3093X	Bar for 12 x 50 ml tube	1	4963.00

Rotating Bars must be ordered separately.

**Specification**

Orbit diameter	4 mm.
Permissible Shaking weight	4 Micro plates
Motor rating input	13 W
Motor rating output	57 W
Permissible ON Time	100%
Speed min (adjustable)	100 rpm.
Speed range	100-1100 rpm
Speed Display	Digital LED
Timer	yes
Timer Display	99 Hrs 59 mins
Operating mode	Timer and continuous operation
Number of Microliter Plates	2 or 4
Dimensions ( W x D x H )	30 x 27 x 12 cm
Weight	9.8 kg
Permissible ambient temperature	5-40° C
Permissible relative humidity	80%
Voltage	220-240 V
Frequency	50/60 Hz

**147 SPINIX™ Multiwell Plate Shaker**

Code	Description	Packing	Price/Pack
3400	Multiwell Plate Shaker	1	52311.00

CAUTION: Can only be used with an even number of 2 or 4 plates.



- Quiet and reliable
- Small foot print
- Independent ON / OFF switch
- Fixed speed of 6000 RPM / 2000g
- 6 place Rotor for 1.5 ml tubes
- 2 place Rotor for 8 x 0.2ml tube strips



**148 SPINWIN™ MC-00 Micro Centrifuge**

Code	Description	Packing	Price/Pack	Price/6 Packs
1000	SPINWIN™ MC-00 2 places Rotor for 8 x 200 µl tube strips	1	9154.00	52178.00
1010	SPINWIN™ MC-00 6 places Rotor for 1.5 ml tube	1	9154.00	52178.00

For Bulk Pack add suffix A after the Code No.

**Spare Rotor for SPINWIN MC 00**

Code	Capacity	Packing	Price/Pack
1003	6 x 1.5 ml tubes	1	973.00
1004	2 place Rotor for 8x200 µl tube strips	1	973.00



- Quiet and reliable
- Small foot print
- Built in power supply
- Digital display of time & RPM
- Standard 6 place Rotor for 1.5 ml tubes
- Spare 12 place Rotor for 0.5 ml tubes

RPM	RCF (x g)
1000	56
2000	223
3000	503
4000	894
5000	1396
6000	2011
7000	2737
8000	3575
9000	4524
10000	5585

**149 SPINWIN™ MC-01 Micro Centrifuge**

Code	Capacity	Packing	Price/Pack	Price / 4 Pack
1020	SPINWIN™ MC 01	1	27912.00	106066.00

*For Bulk Pack add suffix A after Code No*

**Spare Rotor**

Code	Capacity	Packing	Price/Pack
1001	6x1.5 ml tubes	1	1602.00
1002	12 x 0.5 ml tubes	1	1602.00

Max.RPM/RCF	13500 / 12,300 x g
Max. Capacity	12 x 2.0 ml, 4 x 8 tube PCR Strips
Time Control	Pulse or timer < 30 mins
RPM/RCF conversion	yes
Noise level	(DB) < 56
Acc/Dec	( sec) < 12 / <16
Display	Blue LCD
Safety Lid Lock	Yes
Lid Drop Protection	Yes
Automatic door release at completion	Yes
Power Supply	( V/Hz) 220/50
Power requirement	(VA) 110
Dimension (W x D x H)	208 x 245 x 145 mm
Weight without rotor	4.4 kg



PCR Rotor - CODE 1042  
32 x 0.2 ml Tubes  
13500 RPM / 12300 X g



Fixed Angle Rotor  
12 x 1.5 ml Tubes  
13500 RPM / 12300 X g  
included with the Centrifuge



**150 SPINWIN™ MC-03 Micro Centrifuge**

Code	Description	Packing	Price/Pack
1040	Micro Centrifuge MC 03	1	84500.00
1042	PCR Rotor for 32x0.2 ml tubes	1	11700.00



PCR Rotor - CODE 1052  
32 x 0.2 ml Tubes  
15000 RPM / 21206 X g



Micro Tube Rotor - CODE 1051  
24 x 1.5 ml Tubes  
15000 RPM / 21206 X g

Max.RPM/RCF	15,000 / 21,206 x g
Max. Capacity	24 x 2.0 ml, 4 x 8 tube PCR Strips
Time Control	Pulse, timed < 100 mins or continuous
RPM/RCF conversion	Yes
Noise level	(DB) < 60
Acc/Dec ( sec)	5/6 steps
Program Memory	100
Display	Blue LCD
Safety Lid Lock	Yes
Lid Drop Protection	Yes
Automatic door release at completion	Yes
Power Supply	( V/Hz) 220/50
Power requirement	(VA) 440
Dimension (W x D x H)	249 x 368 x 240 mm
Weight without rotor	18 kg

**151 SPINWIN™- Micro centrifuge MC 04**

Code	Description	Packing	Price/Pack
1050	Micro Centrifuge MC 04 Including 24 places Rotor for 1.5ml tubes	1	154000.00
1051	24 places Rotor for 1.5 ml tubes	1	52000.00
1052	PCR Rotor for 32x0.2 ml tubes	1	56000.00



Max. RPM/RCF	17000 / 27237 x g
Max. Capacity	30 x 2.0/1.5 mL, 8 x 8 tube PCR strips
Temp Range (°C)	-20 °C to + 40°C
Time Control	Pulse or timer < 100 min or continuous
RPM/RCF conversion	Yes
Noise level	DB < 56
Program Memory	100
Acc/Dec	g17/g17
Dec Time from Max speed	g15
At Set speed mode	Yes
Safety Lid Lock	Yes
Water drainage system	Yes
Lid Drop Protection	Yes
Rotor Identification	Automation
Display	Blue LCD
Power requirement	2.0kVA
Power supply	230/50(V/Hz)
Dimension (WxDxH)	310 x 520 x265 mm
Weight without rotor	43kg
CE Mark	Yes



PCR Rotor - CODE 1062  
64 x 0.2 ml Tubes  
12500 RPM / 11722 X g



Micro Tube Rotor - CODE 1061  
30 x 1.5 ml Tubes  
14000 RPM / 21124 X g



Micro Tube Rotor - CODE 1064  
24 x 1.5 ml Tubes  
17000 RPM / 27237 X g



152

SPINWIN™ RMC 05

Code	Description	Packing	Price/Pack
1060	REFRIGERATED Micro Centrifuge RMC 05(Rotor not included)	1	340000.00
1061	30 places Rotor for 1.5 ml tubes (Aerosol tight)	1	81650.00
1062	PCR Rotor for 64x0.2 ml tubes (Aerosol tight)	1	99850.00
1064	24 places Rotor for 1.5 ml tubes (Aerosol tight)	1	52500.00



153



154



155



156

**153A Spinwin™ Micro Centrifuge Tube**

**Material:** PP Material conforming to US FDA 21 CFR Autoclavable

These graduated tubes have frosted labeling surfaces and can withstand centrifugation upto 20000 x G. The tubes can be easily and single handedly open and closed. They are ultra smooth polished interior surfaces that won't adhere most proteins and have high clarity for optimum sample visibility.

Certified DNase, RNase and Pyrogen free.

Code	Capacity ml	Packing	Price/Pack	Price/96 Packs
500000	0.5	1000	630.00	57456.00
500010	1.5	500	452.00	41222.00
500020	2.0	500	499.00	45508.00
Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
500011	1.5 Coloured	500	499.00	11377.00

**153B Micro Centrifuge – CLEAR**

Code	Capacity ml	Packing	Price/Pack	Price/96 Packs
500000C	0.5	1000	725.00	66120.00
500010C	1.5	500	520.00	47424.00
500020C	2.0	500	574.00	52349.00

For Bulk Pack add suffix A after the Code No.

**154 Spinwin™ Micro Centrifuge Tube**

**Material:** PP Material conforming to US FDA 21 CFR Autoclavable

These graduated tubes have frosted labeling surfaces and can withstand centrifugation upto 20000 x G. The tubes can be easily and single handedly open and closed. They are ultra smooth polished interior surfaces that won't adhere most proteins. These provide good protection for light sensitive samples from 270 to 600 nm.

Certified DNase, RNase and Pyrogen free.

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
500012	0.5Amber	1000	785.00	17898.00
500013	1.5Amber	500	567.00	12928.00
500014	2.0Amber	500	619.00	14113.00

For Bulk Pack add suffix A after the Code No.

**155 Spinwin™ MAXIPENSE™ Micro Centrifuge Tube**

**Material:** PP Material conforming to US FDA 21 CFR Autoclavable

These graduated tubes have frosted labeling surfaces and can withstand centrifugation upto 20000 x G. The tubes can be easily and single handedly open and closed. They are ultra smooth polished interior surfaces that won't adhere most proteins and have high clarity for optimum sample visibility.

MAXIPENSE™, low retention surface is achieved by treatment on molecular level modifying the surface of the polymer with very low coefficient of friction which is not effected by radiation or autoclaving. These tubes are not coated and are free from any additives which might contaminate your valuable sample.

Certified DNase, RNase and Pyrogen free.

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
500015	0.5	1000	1296.00	29549.00
500016	1.5	500	932.00	21250.00
500017	2.0	500	1028.00	23438.00

For Bulk Pack add suffix A after the Code No.

**156 Micro Pestle**

**Material:** PP Material conforming to US FDA 21 CFR Autoclavable

Code	Packing	Price/Pack	Price/24 Packs
160020	12	395.00	9006.00

For Bulk Pack add suffix A after the Code No.



**157 Spinwin™ Micro Centrifuge Tube 5ml.**

*Material: PP Autoclavable*

Code	Type	Packing	Price/Pack	Price/24 Packs
500050	Natural	100	361.00	8231.00
500051	Amber	100	435.00	9918.00
500052	Natural Maxipense	100	652.00	14866.00

For Bulk Pack add suffix A after the Code No.



157

**158 Lock For Micro Centrifuge Tube 5ml.**

Code	Packing	Price/Pack
500053	100	747.00



158

**159 Rack For Micro Centrifuge Tube 5ml.**

Code	Places	Packing	Price/Pack
500054	16	2	1959.00



159

**160 Cryo Box for Micro Tube 5ml.**

Code	Places	Packing	Price/Pack
212010	25	4	3339.00



160

**161 - 20°C Mini Cooler for 5ml. Micro Centrifuge Tube**

Code	Places	Packing	Price/Pack
525113	12	1	4595.00



161



162

**162 Spinwin™ Tube Conical Bottom**

**Material:** Medical grade PP/HOPE conforming to USP Class VI **Autoclavable**

These leak proof tubes have printed volume graduation and writing area along the length of the tube.

15 ml and 50 ml PP centrifuge tubes can withstand up to 15000xG. Certified DNase, RNase, Pyrogen free.

Code	Capacity ml	Packing	Price/Pack	Price/10 Packs
500031	15	500	3918.00	37221.00
546021	15 sterile	500	4254.00	40413.00
500032	15 racked	500	5292.00	50274.00
546022	15 racked sterile	500	5924.00	56278.00
500041	50	500	5052.00	47994.00
546041	50 sterile	500	6240.00	59280.00
500042	50 racked	300	4564.00	43358.00
546042	50 racked sterile	300	5282.00	50179.00

For Bulk Pack add suffix A after the Code No.

**Material: PS/HDPE**

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
546010	15 Sterile	500	5051.00	28791.00

For Bulk Pack add suffix A after the Code No.

74



163

**163 Spinwin™ Amber Centrifuge Tube Conical Bottom**

**Material:** Medical grade PP/HOPE conforming to USP Class VI **Autoclavable**

These leak proof tubes have printed volume graduation and writing area along the length of the tube. These tubes provide good protection for light sensitive samples from 270 to 600 nm. 15 ml and 50 ml PP centrifuge tubes can withstand up to 15000xG.

Certified DNase, RNase, Pyrogen free.

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
546011	15	500	4855.00	27674.00
546051	15 sterile	500	5265.00	30011.00
546012	15 racked	500	6223.00	35471.00
546052	15 racked sterile	500	6829.00	38925.00
546031	50	500	6235.00	35540.00
546061	50 sterile	500	7709.00	43941.00
546032	50 racked	300	5235.00	29840.00
546062	50 racked sterile	300	6071.00	34605.00

For Bulk Pack add suffix A after the Code No.

**164 Self Standing Centrifuge Tube**

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
500043	50 (Bulk Pack)	500	5808.00	33106.00
546043	50 sterile (Bulk Pack)	500	7181.00	40932.00
546046	50 (Amber)	500	7170.00	40869.00
546047	50 sterile (Amber)	500	8840.00	50388.00

For Bulk Pack add suffix A after the Code No.

**Pure Pack Centrifuge Tube - Sterile**

Code	Capacity ml	Packing	Price/Pack	Price/10 Packs
520060	15	500	4749.00	45116.00
520061	50	300	5616.00	53352.00
520062	50 Self Standing	400	6465.00	61418.00

For Bulk Pack add suffix A after the Code No.



164

**165 Centrifuge Tube Round Bottom**

*Material: PP Autoclavable*

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
542010	16	12	359.00	8185.00
542020	50	12	599.00	13657.00

For Bulk Pack add suffix A after the Code No.



165

**166 Centrifuge Tube Round Bottom**

*Material : PC Autoclavable*

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
543010	16	12	1184.00	26995.00
543020	50	12	1798.00	40994.00

For Bulk Pack add suffix A after the Code No.



166

**167 Cap for Centrifuge Tube Round Bottom**

*Material : PP Autoclavable*

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
540010	16	100	599.00	13657.00
540020	50	100	898.00	20474.00

For Bulk Pack add suffix A after the Code No.



167

**168 Screw Cap Centrifuge Tube Round Bottom**

*Material: PP Autoclavable*

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
541020	10	12	629.00	14341.00
541030	30	12	865.00	19722.00
541040	50	12	1184.00	26995.00
541050	70	12	1615.00	36822.00

For Bulk Pack add suffix A after the Code No.



168

**169 Centrifuge Bottle**

*Material: PP Autoclavable*

Code	Capacity ml	Dimension mm	Packing	Price/Pack	Price/24 Packs
544010	250	62X128	12	2315.00	52782.00
544020	500	69.5X170	6	1411.00	32171.00
544030	1000	97.5X184.5	6	2826.00	64433.00
544040	1000	97.5X179	6	2826.00	64433.00

For Bulk Pack add suffix A after the Code No.



169



170

**170 Centrifuge Tube Box**

Material : PP

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
202090	36	15	4	1773.00	20212.00
202100	16	50	4	1773.00	20212.00

For Bulk Pack add suffix A after Code No.



171

**171 Storage Boxes**

Material : SAN I LOPE

These multipurpose lab storage boxes are ideal for dry materials like powders, filters, chromatography sheets, stoppers and fittings suitable for freezer storage and short term storage of non-volatile liquids, 500 ml Box is ideal for electrophoresis gel.

Code	Capacity ml	L x W x H mm	Packing	Price/Pack
527030	325	129 x 75 x 59	4	1720.00
527040	500	191 x 156x37	4	2126.00
527060	1000	127 x 73 x 175	4	2780.00
527070	2000	191 x 154x94	4	3680.00

76



172

**172 Storage Box**

Material : PC

These sturdy Poly Carbonate boxes with transparent cover is used for storage of vials, bottles and bags in freezers and refrigerators.

Code	IX b X hmm	Packing	Price/Pack
527080	133 x 133 x 52	4	1110.00



173

**173 Float Rack**

Material : PP

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
240000	16	1.5	6	1225.00	13965.00
240040	8	1.5	6	786.00	8960.00
240041	20	1.5	6	1671.00	19049.00

For Bulk Pack add suffix A after Code No.

### 174 Rack for Micro Tube

**Material:** PC Autoclavable

This autoclavable rack is ideal for sample processing and short or medium term storage of samples in a freezer. This rack can be stacked as well as coupled to other racks on all the sides.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
241040	24	0.5	4	1270.00	14478.00
241060	24	1.5	4	1270.00	14478.00

For Bulk Pack add suffix A after the Code No.



174

### 175 Polygrid Micro Tube Stand

**Material:** RPP

Code	Places	Packing	Price/Pack	Price/12 Packs
205110	128 of 1.5ml or 2ml Micro Tube	4	1166.00	13292.00
205120	84 Cryovial 1ml or 1.8ml	4	1166.00	13292.00

For Bulk Pack add suffix A after the Code No.



175

### 176 Rack for Micro Tube

**Material:** PC Autoclavable

This rack is designed with wide spacing to allow storage of 1.5 ml or 2 ml tubes

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
241020	24	1.5	6	1704.00	19426.00
241030	48	1.5	6	3118.00	35545.00

For Bulk Pack add suffix A after Code No.



176

### 177 POLYWIRE Micro Tube Rack

**Material:** Re-enforced Nylon Autoclavable

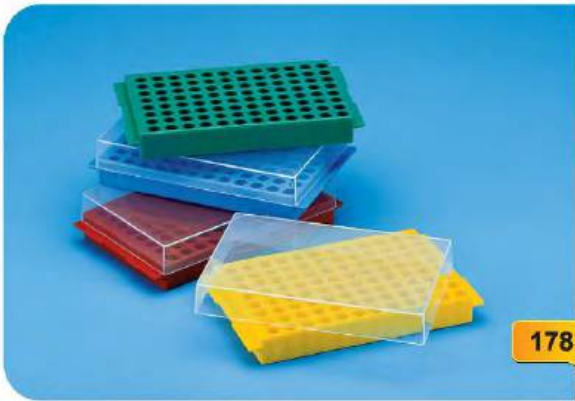
This rack is designed with wide spacing to allow storage of 96, 1.5 ml or 2 ml tubes

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
241013	24	1.5	6	1526.00	17396.00
241014	96	1.5	6	4075.00	46455.00

For Bulk Pack add suffix A after Code No.



177



178

**178 Reversible Rack with Cover**

*Material : PP*

This rack is designed with wide spacing to allow storage of 96, 1.5 or 2 ml tubes whereas the reverse side holds 96, 0.5 ml tubes.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
241010	96	0.5 or 1.5	4	1839.00	20965.00

**Reversible Rack**

This rack holds 80, 1.5 ml or 2 ml tubes, cryovials, etc. whereas the reverse side holds 60, 0.5 ml tubes.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
251010	80	1.5	6	1421.00	16199.00

For Bulk Pack add suffix A after Code No.



179

**179 Rack for Reversible Rack**

*Material: Acrylic*

This rack makes storage and inventory of reversible racks for 96/80 places

Code	Places	Rack	Packing	Price/Pack
241120	10	96	1	3925.00
241121	8	80 Horizontal	1	3330.00
241122	8	80 Vertical	1	3330.00

78



180

**180 Rack for Micro Tube**

*Material : RPP Autoclavable*

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
240010	20	1.5	6	1022.00	11651.00

For Bulk Pack add suffix A after Code No.



181

**181 Micro Tube Box**

*Material : PC / LOPE*

Code	Places	Capacity ml.	Packing	Price/Pack	Price/24 Packs
524040	81	0.2	4	1895.00	43206.00
524060	81	0.5	4	1895.00	43206.00
524070	64	1.5	4	1895.00	43206.00

For Bulk Pack add suffix A after Code No.

**182 FLIP-FLOP Micro Tube Rack**

Rotating racks with 96 places to hold 0.2ml tube. Tubes are hold upright securely Measures 296 x 118 x 34mm. Autoclavable.

Code	Packing	Price/Pack	Price/6 Packs
270050	1	2873.00	16376.00

For Bulk Pack add suffix A after the Code No.



182

**183 3 Step Interlocking Micro-Tube Rack**

Autoclavable, Polypropylene inter connected racks. Arranged in 3 levels, Lowest level with 24 places to hold 0.2 ml tubes, Middle level with 14 wells to hold 0.5 ml tubes and Top level with 12 wells to hold 1.5 ml tubes.

Code	Size	Packing	Price/Pack	Price/6 Packs
250080	0.2 ml, 14x0.5 ml and 12x1.5 ml tubes	Pack of 6	3152.00	17966.00

For Bulk Pack add suffix A after the Code No.



183

**184 SOMERSAULT Rack**

Each of the four modules can be rotated independently in desired direction. Several sizes of the test tubes, culture tubes, centrifuge tubes, or micro centrifuge tubes can be used at the same time. Autoclavable.

Code	Size	Packing	Price/Pack	Price/6 Packs
270030	2x50 ml, 8x15 ml, 6x20 mm and 10x12 mm tubes	1	3502.00	19961.00
270040	6x15 ml, 9x1.5 mlx12x0.5 ml and 32x0.2 ml tubes	1	3502.00	19961.00

For Bulk Pack add suffix A after the Code No.



184

**185 JIGSAW Rack**

Autoclavable two-sided JIGSAW rack is an unit with an assortment of 1.5/2.0 ml, 15 and 50 ml test tubes. Each rack measures 151 x 135 x 66mm. Pack of 4.

Code	Size	Packing	Price/Pack	Price/6 Packs
250070	Top side 9x15 ml and 8x1.5 ml, Bottom side 4x50 ml and 4x1.5 ml	Set of 4	4204.00	23963.00

For Bulk Pack add suffix A after the Code No.



185



186

**186 Universal Combi Rack**

*Material : PP Autoclavable*

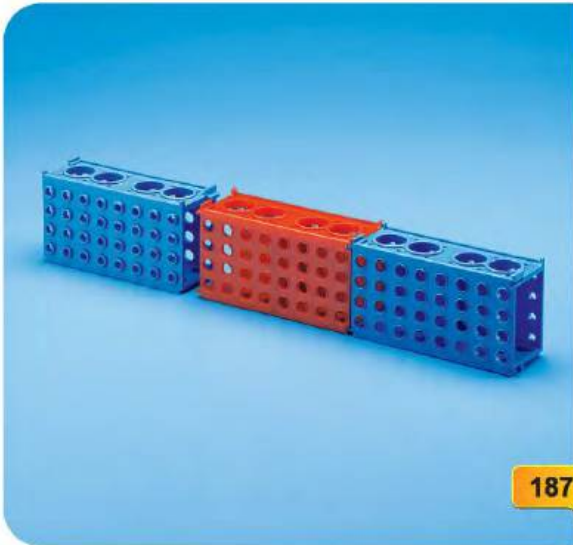
Universal Combi Rack system is designed to support a variety of tube sizes. The rack may be rotated to any of the four position and have the following diameters or tubes

- 30 mm : 50 ml tubes for 8 places
- 20 mm : for 20 places
- 17 mm : 15 ml tubes for 24 places
- 12 mm : **RIA** tubes for 40 places

Code	Packing	Price/Pack	Price/6 Packs
202080	4	1934.00	11024.00

*For Bulk Pack add suffix A after the Code No.*

80



187

**187 Combilok Rack**

*Material : PP Autoclavable*

These interlocking racks allow you to customize your specific requirements made in autoclavable Propylene. These racks can accommodate different sizes of tubes. Holds four 50 ml tubes, twelve 15 ml tubes, thirty two 1.5 ml micro tubes or thirty two 0.5 ml micro tubes

Code	Packing	Price/Pack	Price/6 Packs
202081	4	1029.00	5865.00

*For Bulk Pack add suffix A after the Code No.*



188

**188 JUNIOR 4 Way Tube Rack**

Dynamic polypropylene user friendly rack. Rack measures 4 1/4 x 4 1/4 x 4 1/2".

Code	Size	Packing	Price/Pack	Price/6 Packs
250060	4x50 ml, 10x15 ml, 12x12 mm and 16x1.5 ml	Pack of 5	3502.00	19961.00

*For Bulk Pack add suffix A after the Code No.*





**189 Poly Wire Rack**

**Material:** Re-enforced Nylon, **Autoclavable**

These racks are moulded in one piece and have a three tier grid design. They have good chemical and thermal resistance and will not corrode or float in water bath. Available in five vibrant colours : Blue, Red, White, Green and Orange

Code	Places	Dia mm	Packing	Price/Pack	Price/6 Pack
202110	72	13	4	2934.00	16724.00
202111	72	16	4	3385.00	19295.00
202112	40	20	4	3385.00	19295.00
202113	40	25	4	3385.00	19295.00
202114	24	30	4	3385.00	19295.00

For Bulk Pack add suffix A after the code no

For Colour Put the following suffix after the code no, - B=Blue, G=Green, W=White, O=Orange, R=Red



**190 Poly Wire Half Rack**

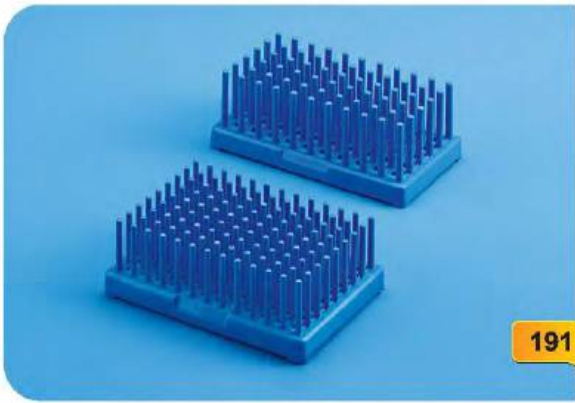
**Material:** Re-enforced Nylon, **Autoclavable**

These racks have same features as polywire racks and are more space efficient which makes them fit easily in ice tray and water baths

Code	Places	Dia mm	Packing	Price/Pack	Price/6 Packs
201010	36	13	4	1760.00	10032.00
201011	36	16	4	1760.00	10032.00
201012	20	20	4	1760.00	10032.00
201013	16	25	4	1760.00	10032.00
201014	9	30	4	1760.00	10032.00

For Bulk Pack add suffix A after the code no

For Colour Put the following suffix after the code no, - B=Blue, G=Green, W=White, O=Orange, R=Red



191

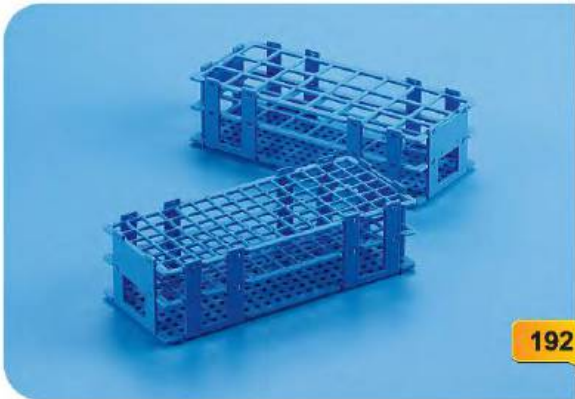
**191 Test Tube Peg Rack**

Material : RPP

These racks allow full view of tube contents and can be used to dry inverted tubes to minimize collection of airborne contaminants inside the tube. Can also be used to hold and dry electrophoresis and chromatography plates.

Code	Places	Tube Dia	Packing	Price/Pack	Price/12 Packs
205060	96	13	4	1961.00	22355.00
205070	50	16	4	1961.00	22355.00

For Bulk Pack add suffix A after Code No.



192

**192 POLYGRID Test Tube Stand**

Material : RPP

Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
205010	90	13	4	1135.00	12939.00
205020	60	16	4	1135.00	12939.00
205030	40	20	4	1135.00	12939.00
205040	25	25	4	1135.00	12939.00

For Bulk Pack add suffix A after Code No.



193

**193 Test Tube Stand**

Material : RPP

Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
202010	31	13	4	913.00	10408.00
202020	31	16	4	913.00	10408.00
202030	20	20	4	1049.00	11959.00
202040	18	25	4	1049.00	11959.00
202050	12	32	4	1214.00	13840.00

For Bulk Pack add suffix A after Code No.



194

**194 Test Tube Stand**

Material : PC

Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
203010	31	13	4	1808.00	20611.00
203020	62	13	2	1804.00	20566.00
203030	31	16	4	1808.00	20611.00
203040	62	16	2	1804.00	20566.00
203050	20	20	4	2014.00	22960.00
203060	40	20	2	2014.00	22960.00
203070	18	25	4	2014.00	22960.00
203080	36	25	2	2014.00	22960.00
203090	12	32	4	2289.00	26095.00
203100	24	32	2	2289.00	26095.00

For Bulk Pack add suffix A after the Code No.

### 195 Conical Centrifuge Tube Rack

Easily assembled racks held together securely. Wells for 15 ml tubes measure 17 mm dia; Wells for 50 ml tubes measure 28 mm dia.

Code	Description	Packing	Price/Pack	Price/6 Packs
241080	Conical Centrifuge Tube Rack	4	2941.00	16764.00
241079	Mini Conical Centrifuge Tube Rack	4	1765.00	10061.00

For Bulk Pack add suffix A after the Code No.



195

### 196 CLINI-JUMBO Rack

Polypropylene assembled racks with an excellent option of storing large groupings of samples.

Sturdy, lightweight and easily transportable. Available in two sizes to fit standard 10-13 mm or 13-16 mm tubes

Code	Size	Packing	Price/Pack	Price/6 Packs
250040	216x10-13 mm tubes	1	3739.00	21312.00
250050	120x13-16 mm tubes	1	3739.00	21312.00

For Bulk Pack add suffix A after the Code No.



196

### 197 Drying Rack

Materia I : ABS/PC

Code	No of Pegs	Packing	Price/Pack	Price/6 Packs
240050	20	1	4209.00	23991.00

For Bulk Pack add suffix A after the Code No.



197

### 198 Drying Rack

This wall mounted rack has 30 drying pegs and a detachable trough. Pegs can be easily snapped in and out and removed in case of drying larger labware. Trough has a drain hole for drainage of water and can be taken out for cleaning.

Code	No of Pegs	Packing	Price/Pack	Price/6 Packs
241100	30	1	6957.00	39655.00

For Bulk Pack add suffix A after the Code No.



198

**Desiccator**

These thick walled vacuum desiccator made in premium plastics which is light and easy to handle. It can hold a vacuum 29 inch of mercury for 24 hrs without grease application. The three way PP stopcock has a Teflon key and the port accepts 6.35 mm id tube for vacuum suction.

**Specifications for Plain and Vacuum Desiccator**

Size	150mm	200 mm	250 mm	300 mm
Flange O.D. of base	172 mm	230 mm	275 mm	335 mm
Inside Diameter	150mm	198mm	240 mm	296 mm
P.P. plate O.D.	138mm	188mm	229 mm	290 mm
Total Height	205 mm	255 mm	310 mm	383 mm



199

**199 Desiccator Plain**

Material : PP / PC

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
401010	150	1	1132.00	6452.00
401020	200	1	2126.00	12118.00
401030	250	1	2947.00	16798.00
401040	300	1	4657.00	26545.00

For Bulk Pack add suffix A after Code No.

**200 Desiccator Vacuum**

Material : PP / PC

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
402010	150	1	1927.00	10984.00
402020	200	1	2955.00	16844.00
402030	250	1	3707.00	21130.00
402040	300	1	5515.00	31436.00

For Bulk Pack add suffix A after Code No.

**Spare 'O' Ring for PP/PC Desiccator**

Material : Silicone Rubber Red

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
402011	150	1	149.00	849.00
402021	200	1	220.00	1254.00
402031	250	1	277.00	1579.00
402041	300	1	354.00	2018.00
402001	Desiccator Spare	1	1206.00	

For Bulk Pack add suffix A after Code No.

**201 All Clear Desiccator Vacuum**

Material : PC / PC

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
403010	150	1	2364.00	13475.00
403020	200	1	3623.00	20651.00
403030	250	1	4651.00	26511.00
403040	300	1	6986.00	39820.00

**Spare 'O' Ring for PC/PC Desiccator**

Material : Silicone Rubber Black

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
403011	150	1	149.00	849.00
403021	200	1	220.00	1254.00
403031	250	1	277.00	1579.00
403041	300	1	367.00	2092.00

For Bulk Pack add suffix A after Code No.



200



201

**202 Desiccant Canister**

The reusable Canister is ideal as it is protective and designed for service in desiccator cabinets. A single canister reduces humidity within a .09 cubic meters and silica gel desiccant, changes to pink colour when maximum moisture is absorbed.

Code	Description	Packing	Price/Pack
401111	Desiccant Canister	1	4101.00



202

**203 SECADOR with Gas Ports**

Gas purging secador designed with co-polyester plastic cabinets that resists stains, chemicals and fine cracks. Gives dirt and damp free storage and are ideal for items that are sensitive to dampness. Easily stackable.

Code	HxWxD ems	Packing	Price/Pack
401131	21x34x41	1	57044.00



203

**204 Secador Refrigerator ready Desiccator**

Extra long body and pull out shelves makes this desiccator perfect for use inside refrigerators and -20°C freezers letting you keep materials cold when needed and moisture free. A shelf designed at the top of desiccator holds 3 desicans. Wide rubber feet prevents the cabinet from sliding even on wire refrigerator racks.

Code	Description	Packing	Price/Pack
401140	Refrigerator ready secador	1	58134.00



204

**SECADOR® DESICCATOR CABINET**

- Sealed construction
- Blocks 99% of UV light
- Lockable for secure storage

**SECADOR® AUTO DESICCATOR CABINET**

- Brings down humidity to 40%
- Electronic dehumidification system
- Eliminates monitoring and change of desiccants

**205 SECADOR Desiccator Cabinet**

Code	HxWxDcm	Packing	Price/Pack
401060	21x34x41	1	28355.00
401070	31x34x41	1	56676.00
401080	41x34x41	1	66690.00
401090	51x34x41	1	91014.00

**AUTO SECADOR Desiccator Cabinet**

Code	HxWxDcm	Packing	Price/Pack
401110	51x34x41	1	130261.00



**206 CUBIVAC™ Desiccator**

Code	Colour	Capacity Lts	WxDxH cm	Packing	Price/Pack
404010	Clear	11	322x285x271	1	115699.00
404020	Amber	11	322x285x271	1	125339.00
404030	Clear	23	420x392x281	1	146228.00
404040	Amber	23	420x392x281	1	153455.00
404050	Clear	35	420x397x381	1	186395.00
404060	Amber	35	420x397x381	1	196038.00
404070	Clear	45	420x397x491	1	237816.00
404080	Amber	45	420x397x491	1	250671.00

- Maximum vacuum of Torr ( $1.33 \times 10^{-4}$  Mpa) for 72 hrs.
- Greaseless airtight vacuum seal using high quality silicon gasket.
- Highly transparent, shatter-proof, non corrosive and easy to clean polycarbonate (PC) construction.
- Convenient three way stopcock providing consistent and uniform vacuum draw, vacuum release or shut off.
- Maximised utilization of internal space using maximum four to six shelves depending on product sizes.
- Stackable space-saving design allowing efficient usage of cramped lab space.
- Easy vacuum level checking with the standard vacuum gauge attached to the front floor.
- UV-blocking models minimize damages or discoloration of light-sensitive samples.
- Four built in ports.





207

**CRYOCHILL™ Vial-Cryo Preservation at its best**

CRYOCHILL™ Vials are designed for use in mechanical freezer and in vapour phase of liquid nitrogen.  
**WARNING!!** Do not use CRYOCHILL™ vials in liquid phase of liquid nitrogen, as it may cause entrapment of liquified nitrogen inside the vial which leads to pressure build up resulting in possible explosion or biohazard release.  
 CRYOCHILL™ Vials meet IATA requirements of withstanding evacuation to 95K Pascal without leaking and are thus suitable for transport of diagnostic specimen.

**207 CRYOCHILL™ Vial Self Standing-Sterile**

*Material: PP / HOPE*

Code	Capacity ml	Type	Packing	Price/Pack	Price/6 Packs
523182	1.8	Ext Thread	1000	5980.00	34086.00
523183	4.5	Ext Thread	500	4792.00	27314.00
523184	1.8	Internal Thread with Silicone washer	1000	9963.00	56789.00

For Bulk Pack add suffix A after the Code No.



208

**208 CRYOCHILL™ Star Foot Vials Sterile**

*Material : PP / HOPE*

Code	Capacity ml	Thread Style	Packing	Price/Pack	Price/6 Packs
523011	1.0	External	1000	5537.00	31561.00
523021	1.8	External	1000	5972.00	34040.00
523031	4.5	External	500	4736.00	26995.00
523192	1.0	Internal	1000	9470.00	53979.00
523193	1.8	Internal	1000	9905.00	56459.00
523194	4.5	Internal	500	6703.00	38207.00

For Bulk Pack add suffix A after the Code No.



209

**209 CRYOCHILL™ Coder**

*Material : PP*

Universal Coders fit Tarsons external threaded vials, and internal threaded vials with silicone washer.

Code	Colour	Packing	Price/Pack	Price/12 Packs
523111	White	100	151.00	1721.00
523112	Blue	100	151.00	1721.00
523113	Red	100	151.00	1721.00
523114	Yellow	100	151.00	1721.00
523115	Green	100	151.00	1721.00

For Bulk Pack add suffix A after the Code No.



210

**210 CRYOCHILL™ Wide Mouth Specimen Vial**

Code	Capacity	Type	Packing	Price/Pack	Price/6 Packs
883191	15	External	75	4055.00	23114.00

For Bulk Pack add suffix A after the Code No.



**211 CRYOCHILL Vials 2D Coded**

Code	Capacity	Type	Packing	Price/Pack	Price/12 Packs
883192	1.8ml.	External	1000	9828.00	112039.00
883193	1.8ml.	Internal	1000	14196.00	161834.00

For Bulk Pack add suffix A after the Code No.



211

**212 Cryobox For 2D Coded CRYOCHILL Vials**

Code	Capacity	Type	Places	Packing	Price/Pack	Price/12 Packs
883195	1.8ml.	External	81	4	1692.00	19289.00
883196	1.8ml.	Internal	100	4	1990.00	22686.00

For Bulk Pack add suffix A after the Code No.



212

**213 Cryo Cane**

Code	No.of Places	Packing	Price/Pack
114011	5	12	1870.00
114012	6	12	1929.00



213

**214 Cryo Rack - 50 Places**

Material : PC Autoclavable

Bottom of each self standing vials get interlocked in the base of the rack and allows single handed opening or closing of the vial caps.

Code	Vials	Packing	Price/Pack	Price/6 Packs
241050	Self Standing	1	471.00	2685.00
241051	Star Foot	1	471.00	2685.00

For Bulk Pack add suffix A after the Code No.



214



215

**215 Card Board Cryo Box**

*Material : Card Board*

Code	Description	Packing	Price/Pack	Price/12 Packs
524023	81 places box for 1ml/2ml Vials	8	1558 .00	17761.00
524024	100 places box for 1ml/2ml Vials	8	1558 .00	17761.00
524025	25 places box for 1.8ml. CryoVials	8	700.00	7980.00
524026	36 places box for 15ml. Centrifuge tube	8	2218 .00	25285.00
524027	16 places box for 50ml. Centrifuge tube	8	2218.00	25285.00

*For Bulk Pack add suffix A after the Code No.*

90



216

**216 1°C Cooler**

*Material : PC / HOPE*

Used for cell cryo preservation and recovery. This cooler gives -1°C/min cooling rate for 18 cryo vials of 1 or 1.8 ml. The cooler needs 100% isopropyl alcohol and mechanical freezer.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525000	18	1 or 1.8	1	2796.00	15937.00

*For Bulk Pack add suffix A after the Code No.*



217

**217 Quick Freeze**

*Material : PC / Insulating solution*

An alternate to dry ice - solvent bath for quick chilling of specimens

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525040	12	1.5	1	3729.00	21255.00

*For Bulk Pack add suffix A after the Code No.*

**218 Cryo Box**

**Material : PC Autoclavable**

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
524000	25	1.0 & 1.8	8	1407.00	16040.00
524010	81	1.0 & 1.8	4	1754.00	19996.00
524011	81	3.0	4	2315.00	26391.00
524030	81	4.5	4	2480.00	28272.00

For Bulk Pack add suffix A after the Code No.

Please add suffix R = Red, B=Blue, G=Green , Y=Yellow



218

**219 Cryo Box - 100**

**Material: PC Autoclavable**

This cryobox is suitable for storage of internally threaded vials in ultra low temperatures. Transparent cover permits viewing.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
524020	100	1 & 1.8	4	2065.00	23541.00

For Bulk Pack add suffix A after the Code No.

Please add suffix R = Red, B = Blue, G = Green , Y = Yellow



219

**220 Cryo Cube Box**

**Material : PP Autoclavable**

These stackable boxes are designed for storage of sample upto -90°C. The lid is connected to the box base by hinges and a lock on the front of the lid prevents accidental opening of these boxes in the deep freezers.

These boxes accommodate 0.5, 1.5 and 2.0 ml. micro tubes and 1.0 ml. and 1.8 ml. Cryo vials.

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
202060	50	1.8	8	1443.00	16450.00
202070	100	1.8	4	1371.00	15629.00
212060	81	1.8	4	1260.00	14364.00

For Bulk Pack add suffix A after the Code No.



220

**221 Cryo Cube Box Lift Off Lid**

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
212070	81	1.8	4	1260.00	14364.00

For Bulk Pack add suffix A after the Code No.

Please add suffix R = Red, B = Blue, G = Green , Y = Yellow



221

**222 0°C Mini Cooler**

*Material : PC / Non toxic gel*

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical sample from temperature fluctuations in the freezers. Freeze 0° C minicooler for 24 hours at -5° C to -10° C before use.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525010	12	1.5	1	3467.00	19762.00
526010	32	1.5	1	6041.00	34434.00
525020	12	15	1	5002.00	28511.00
526050	12	Blood Collection Tube	1	5002.00	28511.00

For Bulk Pack add suffix A after the Code No.

**0°C Mini Cooler with Gel Filled Cover**

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525050	32	1.5	1	6932.00	39512.00

For Bulk Pack add suffix A after the Code No.



**223 -20°C Mini Cooler***Material : PC I Non toxic gel*

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze -20°C minicooler for 24 hours at -20°C to -25°C before use.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525030	12	1.5	1	3703.00	21107.00
526030	32	1.5	1	6455.00	36794.00
526040	20	1.5	1	5698.00	32479.00

For Bulk Pack add suffix A after the Code No.

**-20°C Mini Cooler with Gel Filled Cover**

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525060	32	1.5	1	7613.00	43394.00

For Bulk Pack add suffix A after the Code No.

**-20°C PCR Mini Cooler**

The aluminium block has 96 holes to hold tubes, strips or plate

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525110	96	0.2	1	9984.00	56909.00

For Bulk Pack add suffix A after the Code No.



**224 0°C Mini Cooler**

*Material : PC / Non toxic gel*

Code	Well Dimension	Packing	Price/Pack
525111	134 X 92mm	1	6032.00

**-20°C Mini Cooler**

*Material : PC / Non toxic gel*

Code	Well Dimension	Packing	Price/Pack
525111	134 X 92mm	1	6032.00

**225 Thermo Conductive Rack**

These racks can be used in Mini Coolers or Ice Bucket and Tray			
Code	Description	Packing	Price/Pack
525300	24 Microtube 1.5ml.	1	6802.00
525310	24 Cryovial 1.8ml.	1	6802.00
525320	96 PCR tubes or strips or plate	1	6802.00
525330	384 Well PCR Plate	1	9069.00
525340	1.5ml tubes and PCR tubes or strips	1	6802.00

\*Ice bucket must be ordered separately



**226 Ice Bucket**

*Material: PUR*

Durable rigid ice bucket is unbreakable in normal use. Excellent insulating properties. Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone.

Code	Capacity	Dimension	Packing	Price/Pack	Price/6 Packs
525150	2.5	283x283x130	1	2153.00	12272.00
525160	4.5	280x280x185	1	3075.00	17528.00

For Bulk Pack add suffix A after the code No.



**227 Ice Tray**

*Material: PUR*

Durable rigid ice bucket is unbreakable in normal use. Excellent insulating properties. Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone.

Code	Capacity	Dimension	Packing	Price/Pack	Price/6 Packs
525120	1 L	175x175x100	2	1500.00	8550.00
525130	4L	315x235x130	1	1692.00	9644.00
525140	9L	445x375x155	1	3005.00	17129.00

For Bulk Pack add suffix A after the code No.





228 & 229



230

**228 Cryo Gloves**

These gloves have superior thermal protection for hand and arm protection in ultra cold environment.

<b>Application</b> Ultra Low Blast Freezers Cold Rooms Dry Ice Handling Frozen Food Processing Pharmaceutical	<b>Environment</b> Clinical Laboratory Bio Medical Blood Banks
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Code	Description	Packing	Price/Pack
371010	Wrists	1 pair	14615.00
371020	WristM	1 pair	14615.00
371030	WristL	1 pair	14615.00
371040	Wrist XL	1 pair	14615.00
371050	Mid Arm S	1 pair	15394.00
371060	Mid Arm M	1 pair	15394.00
371070	Mid Arm L	1 pair	15394.00
371080	Mid Arm XL	1 pair	15394.00
371090	Elbow S	1 pair	19479.00
371100	Elbow M	1 pair	19479.00
371110	Elbow L	1 pair	19479.00
371120	Elbow XL	1 pair	19479.00

**229 Cryo Gloves Water Proof**

These water proof gloves are comfortable when working in cryogenic atmospheres for extended period and protects from splashes of cryogenic liquid.

<b>Application</b> LN2 atmospheres and environment Refrigerated Liquids Bath Cryo Freezers Cryogenic Grinding	<b>Environment</b> Fertility Clinic Bio Medical Genetic and Bio Technology Pharmaceutical
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Code	Description	Packing	Price/Pack
381010	Wrists	1 pair	19213.00
381020	WristM	1 pair	19213.00
381030	WristL	1 pair	19213.00
381040	Wrist XL	1 pair	19213.00
381050	Mid Arm S	1 pair	20706.00
381060	Mid Arm M	1 pair	20706.00
381070	Mid Arm L	1 pair	20706.00
381080	Mid Arm XL	1 pair	20706.00
381090	Elbow S	1 pair	25613.00
381100	Elbow M	1 pair	25613.00
381110	Elbow L	1 pair	25613.00
381120	Elbow XL	1 pair	25613.00

**230 CryoApron**

Cryo Apron provides warmth and splashes protection for torso and legs. Has an adjustable strap at neck and waist with side release buckles.

<b>Application</b> Cold room / Walking Freezer Blast Freezers Delivery and Filling of Cryogenic Liquid	<b>Environment</b> Cryo Preservation Facilities Cryogenic liquid producers Clinical Lab Bio Medical Blood Banks Frozen Food Processing
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Code	Length	Packing	Price/Pack
391010	36"	1	19213.00
391020	42"	1	20921.00
391030	48"	1	23055.00
391040	54"	1	24758.00



### 231 Crye Box Rack

Material : PC

Code	lxbxh cm	Places	Packing	Price/Pack	Price/8 Packs
524031	14x14x30	4 boxes	2	3113.00	23659.00
524034	14x14x60	8 boxes	2	5865.00	44574.00
524032	14x14x7	1 box	1	366.00	2782.00

For Bulk Pack add suffix A after the Code No.



231

### 232 Vertical rack for Chest Freezers (Locking Rod Included)

Material : SS

Code	Description	Dim(WxDxH) mm	Packing	Price/Pack
115001	4 Place	140x140x225	1	2822.00
115002	5 Place	140x140x280	1	3510.00
115003	6 Place	140x140x335	1	4198.00
115004	7 Place	140x140x390	1	4885.00
115005	8 Place	140x140x445	1	5574.00
115006	9 Place	140x140x500	1	6261.00
115007	10 Place	140x140x555	1	7083.00
115008	11 Place	140x140x610	1	7427.00
115009	12 Place	140x140x665	1	8390.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 place Cat. No. 212070 and 100 Place Cat. No 524020



232

### 233 Upright Freezer Rack

Material : SS

Code	Description	Boxes Depth	Boxes Height	(WxDxH) mm	Packing	Price/Pack
110000	9 Place	3	3	140x425x170	1	6367.00
110001	12 Place	3	4	140x425x225	1	8524.00
110002	15 Place	3	5	140x425x280	1	10651.00
110003	12 Place	4	3	140x565x170	1	8494.00
110004	16 Place	4	4	140x565x225	1	11328.00
110005	20 Place	4	5	140x565x280	1	14716.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 place Cat. No. 212070 and 100 Place Cat. No 524020



233

### 234 Upright Freezer Drawer rack

Material : SS

Code	Description	Boxes Depth	Boxes Height	(WxDxH) mm	Packing	Price/Pack
110010	9 Place	3	3	140x420x180	1	9323.00
110020	12 Place	3	4	140x420x240	1	12400.00
110030	16 Place	4	4	140x560x240	1	16674.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 Place Cat. No 212070 and 100 Place Cat. No 524020



234



235

**235 Upright Freezer Drawer rack for Centrifuge Tubes**

Material : SS

Code	Description	Dim(WxDxH) mm	Packing	Price/Pack
111001	60 places x 15 ml tubes	140x420x126	1	9760.00
111002	120 places x 15 ml tubes	140x420x252	1	15811.00
111003	60 places x 50 ml tubes	140x420x252	1	15123.00
111004	78 places x 50 ml tubes	140x559x252	1	18559.00



236

**236 Vertical Freezer Racks for Cryocube Box 100 Places**

Material : SS

Code	Description	Dim(WxDxH) mm	Packing	Price/Pack
113070	8 places	149x159x469	1	6325.00
113080	9 places	149x159x527	1	7014.00
113090	10 places	149x159x586	1	7701.00
113100	11 places	149x159x644	1	8390.00
113110	12 places	149x159x703	1	9077.00
113120	13 places	149x159x761	1	9899.00



237

**237 Upright Freezer Racks for Cryocube Box 100 Places**

Material : SS

Code	Description	Boxes Depth	Boxes Height	Dim(WxDxH) mm	Packing	Price/Pack
113010	8 Places	2	4	149x318x235	1	6326.00
113020	12 Places	3	4	149x476x235	1	9485.00
113030	15 Places	3	5	149x476x294	1	12236.00



238

**238 Specimen Tube**

Material : PS/PE

Code	0xh mm	Packing	Price/Pack
881110	25 x 50	20	426.00
881120	25 x 75	10	240.00
881130	25 x 100	10	323.00
881140	31 x 50	20	597.00
881150	31 x 75	10	323.00
881160	31 x 100	10	371.00
881170	37 x 50	20	786.00
881180	37 x 75	10	401.00
881190	37 x 100	10	461.00

**239A Storage Vial**

Code	Capacity ml	Base	Packing	Price/Pack	Price/20 Packs
523041	1	Starfoot	1000	3056.00	58064.00
523051	2	Starfoot	1000	3334.00	63346.00
523052	4.5	Starfoot	500	1910.00	36290.00
523053	2	Selfstanding	1000	3056.00	58064.00
523054	4.5	Selfstanding	500	1910.00	36290.00

For Bulk Pack add suffix A after the code no.

**239B Amber Storage Vial**

Code	Capacity ml	Base	Packing	Price/Pack	Price/20 Packs
523061	1	Starfoot	1000	3973.00	75487.00
523071	2	Starfoot	1000	4335.00	82365.00
523072	4.5	Starfoot	500	2483.00	47177.00
523073	2	Selfstanding	1000	3973.00	75487.00
523074	4.5	Selfstanding	500	2483.00	47177.00

For Bulk Pack add suffix A after the code no.

**240 Storage Vial**

**Material :** Medical Grade PP/HOPE confirming to US FDA 21 CFR Autoclavable

Code	Capacity ml	Packing	Price/Pack	Price/20 Packs
523070	5	500	1910.00	36290.00
523080	5 sterile	500	2678.00	50882.00
523150	10	500	2678.00	50882.00
523160	10 sterile	300	1834.00	34846.00

For Bulk Pack add suffix A after the code no.

**241 Specimen Container**

**Material :** Medical Grade PC/PP confirming to US FDA 21 CFR

Code	Capacity ml	Packing	Price/Pack	Price/12 Packs
881080	125	12	1506.00	17168.00
881090	250	12	1962.00	22367.00
881100	500	6	1908.00	21751.00
881111	1000	6	2625.00	29925.00

For Bulk Pack add suffix A after the code No.

**242 Specimen Container**

**Material:** Medical Grade PP confirming to US FDA 21 CFR

Code	Capacity ml	Packing	Price/Pack	Price/12 Packs
882080	125	12	904.00	10306.00
882090	250	12	1179.00	13441.00
882200	500	6	1153.00	13144.00
882222	1000	6	1579.00	18001.00

For Bulk Pack add suffix A after the code No.





243

**243 Tissue Culture Flask - Sterile**

*Material : Medical Grade PS confirming to USP Class VI*

Code	Size cm <sup>2</sup>	Packing	Price/Pack
950010	25	200	9527.00
950020	75	100	9495.00
950031	175	40	7047.00



244

**244 Tissue Culture Flask with Filter Cap - Sterile**

*Material: Medical Grade PS confirming to USP Class VI*

Code	Size cm <sup>2</sup>	Packing	Price/Pack
950040	25	200	11341.00
950050	75	100	11326.00
950061	175	40	8146.00



245

**245 Tissue Culture Plate - Sterile**

*Material: Medical Grade PS confirming to USP Class VI*

Code	Capacity	Packing	Price/Pack
980010	6wells	50	5434.00
980020	12wells	50	5892.00
980030	24 wells	50	5892.00
980051	48 wells	50	6578.00
980040	96 F wells	50	5320.00



246

**246 Tissue Culture Petridish-Sterile**

*Material: Medical Grade PS confirming to USP Class VI*

Code	mm	Packing	Price/Pack
960010	35	500	7487.00
960020	60	500	8846.00
960031	100	200	5544.00

**247 Cell Scraper**

Code	Size	Packing	Price/Pack
960051	220 mm	100	9266.00
960052	280 mm	100	11440.00



247

**248 PLANTON - Plant Tissue Culture Container**

*Material : PC/PP Autoclavable*

This autoclavable container has transparent polycarbonate body and polypropylene cap. Unique capand drip ring makes the container ideal for plant tissue culture.

Code	l x b x h cm	Packing	Price/Pack	Price/24 Packs
020080	7.5x7.5x10	12	1646.00	37529.00

For Bulk Pack add suffix A after the Code No.



248

**249 Slant Rack**

*Material : PC*

End plate design allows 5° or 20° slant when rack is set down on either side. Autoclave tubes of media in the rack. While media is still hot, the rack can be set on bench at desired angle. Media will harden with a consistent slant. Useful for incubating liquid cultures on a slant.

Code	Places	Tube mm	Packing	Price/Pack	Price/12 Packs
241070	40	20	2	2404.00	27406.00
241090	36	25	2	2404.00	27406.00

For Bulk Pack add suffix A after the Code No.



249

**250 Test Tube Cap**

*Material : PP*

This autoclavable cap is molded in polypropylene and is used for 25 mm dia culture tube

Code	Size mm	Packing	Price/Pack	Price/96 Packs
020070	25	100	304.00	27725.00

For Bulk Pack add suffix A after the Code No.



250

**251 Bytac® Bench Protector**

*Material : FEP I VINYL*

Bytac is a laminate consisting of FEP film that is bonded to vinyl backing. Bytac provides an easy and economical way to protect bench tops, fume hood surfaces with a non-stick chemical resistant fluoropolymer film. It creates a non-absorbent, contamination free surface that can be washed with chlorine bleach for clinical and biological labs. Corrosive chemicals or sticky substances are easily removed by wiping with a damp sponge.

Code	Size (W x L cm)	Packing	Price/Pack
391000	32 x 460	1 Roll	52610.00
392000	63.5 x 460	1 Roll	96784.00



102

251



252

**252 Parafilm M®**

Parafilm M® is a thermoplastic self-sealing film that holds moisture loss to a minimum and offers excellent barrier protection to the content of tubes, beakers, flasks, petridish, vials etc

Code	Size (W x L)	Packing	Price/Pack	Price/12Packs
380010	2" x 250'	1	2751.00	31361.00
380020	4" x 125'	1	2603.00	29674.00
380030	20" X 50'	1	6510.00	74214.00

*For Bulk Pack add suffix A after the code No.*



**253 Parafilm Dispenser**

This dispenser is designed for smooth film withdraws and clean quick cutting blade cutter small slides across for desired length section. Dispenser holds one or two of 2" rolls or one 4" roll

Code	Packing	Price /P ack
380000	1 PC	3993.00

This dispenser dose not include PARAFILM

**254 Petri Seal**

A sealing tape designed specifically for Petri Dish and Multiwall Plates to reduce evaporation and prevent contamination.

ode	Size	Packing	Price/Pack
570011	0.5"x108'	1 Roll	5111.00

For colour put the following suffix after the Code No.  
B=Blue, C=Clear, R=Red, W=White, Y=Yellow



**255 Indicator Tape for Steam Autoclave**

Versatile tape indicates completion of normal sterilization process

ode	Size	Packing	Price/Pack
670050	1"x500"	1 Roll	1474.00

**High Temperature Indicator Tape for Dry Oven**

Special cloth texture Hi-Temperature indicator tapes shows the word **STERILIZED** in bold letters after standard sterilizing process. The tape sticks to almost any surface or shape, holds fast in dry oven temperature. It withstands acids, oils a greases.

ode	Size	Packing	Price/Pack
670080	0.75"x250"	1 Roll	6650.00



**256 Spillifyter Lab Soakers**

Chemical and skid resistant backing absorbs spills and cushion delicate glassware. Used for lining hoods, animal cages, trays, drawers or shelves. Can be used as bench top protector and as floor soaker for wiping up spills.

**Light Duty Soakers absorbs 750 ml / sq meter**

ode	Size	Packing	Price/Pack
590010	16"x20" pad	250 pads	10614.00
590020	20"x400' roll	1 Roll	8512.00

**Heavy Duty Soakers absorbs 1050 ml / sq meter**

ode	Size	Packing	Price/Pack
590030	16"x20" pad	200 pads	13872.00
590040	20"x200' roll	1 Roll	8449.00



257



258



259



260

**257 Tough Tags**

These are chemically inert polyester labels which will strongly adhere to all plastics and other material. They are temperature resistant from -40°C to 121°C. These labels will withstand autoclaving, boiling water baths, freezer temperatures, organic solvents, caustic agents and other challenges without peeling.

Code	Description	lxb mm	Packing	Price/Pack	Price/6 Packs
500060	Tough Tags	24X12.7	1000	4080.00	23256.00
500070	Tough Tags	32.5X12.7	1000	4662.00	26573.00
500080	Tough Spots	dia 9.5	1000	3497.00	19933.00
500085	Tough Spots	dia 12.7	1000	3497.00	19933.00

*For Bulk Pack add suffix A after the Code No.*  
 Tough Tags. For colour put the following suffix after the Code No.  
 B = Blue, G = Green, R = Red, W = White.  
 Tough Spots. For colour put the following suffix after the Code No.  
 B = Blue, G = Green, O = Orange, R = Red, Y = Yellow, W = White.

**258 Tough Spots Assorted Colors**

Code	Description	Packing	Price/Pack	Price/6 Packs
500081	3/8" Tough-Spots 5-up Assorted Colors	5000/roll	14501.00	82656.00
500082	1/2" Tough-Spots, 5-up Assorted Colors	5000/roll	14501.00	82656.00

*For Bulk Pack add suffix A after the Code No.*

**259 Cryo Babies / Cryo Tags**

These labels withstand conventional and cryogenic storage conditions. The label withstands boiling water baths at 100°C and dry heat upto 150°C without degrading.

Code	Description	l x b mm	Packing	Price/Pack
526070	Cryo Babies	32.5x12.7	1000	4084.00
523090	Cryo Tags	38x19	1000	4084.00

**260 Laser Cryo Babies / Cryo Tags**

Code	Description	lxb	Packing	Price/Pack
526080	Laser Cryo Babies	1.28x0.50"	1700	8520.00
526090	Laser Cryo Babies	0.94x0.50"	2380	8520.00
523092	Laser Cryo Tags	1.69x0.75"	1040	8520.00
523093	Laser Cryo Tags	1.50x0.75"	1200	8520.00
523094	Laser Cryo Tags	2.625x1.00"	600	8520.00



### 261 Tough Tags Station

Tough Tag Station holds upto six standard sized boxes of Tough Tags. Tough Spots or Cryo Babies.

Code	Packing	Price/Pack
500090	1	10240.00



261

### 262 Multipurpose Labelling Tape

Autoclavable tapes adhere to almost any dry surface i.e. glass, plastics, metal, paper or rubber. Sticks throughout the most demanding procedures and is oil proof, water proof and acid resistant.

Code	Size	Packing	Price/Pack
680000	075"x500"	1 Roll	939.00

For colour put the following suffix after the Code No.  
B=Blue, G=Green, O=Orange, W=White, Y=Yellow



262

### 263 Multi Tape Dispenser

These dispensers facilitate easy dispensing from one convenient location. Unique design allows fast additional or replacement of tape roll.

Code	Size	Packing	Price/Pack
680011	for 500" Roll	1 Roll	9059.00



263

### 264 Markers

Code	Description	Packing	Price/Pack
930022	Marker Red, Blue, Green, Black	4	1618.00
930011	Cryogenic Marker	1	933.00



264



265

**265 Wall Mount Holders**

Code	Description	Packing	Price/Pack	Price/6 Packs
150010	Assorted Pack	Set of 4	5673.00	32336.00
150020	4x50ml , 9x15ml Tubes	1	1925.00	10973.00
150030	Kimwipes	1	1925.00	10973.00
150040	Pipettes	1	1925.00	10973.00
150050	Lab utilities	1	1925.00	10973.00

For Bulk Pack add suffix A after the Code No.

106



266

**266 Soft Loop Sterile**

Material : PS

This non- toxic disposable loop is accurate to semi- quantitative standard for handling sample. The surface is treated to enhance adhesion of droplets.

Code	Description	Packing	Price/Pack
920051	Soft Loop - 1ul pouch of 10	100	483.00
920061	Soft Loop - 10ul pouch of 10	100	483.00
920071	Inoculation Needle Pouch of 20	100	483.00



267

**267 L Shaped Spreader Sterile**

Material : PS

This sterile, smooth spreader enables even spreading of liquid sample across the surface of agar plate without gouging or cutting the medium.

Code	Description	Packing	Price/Pack
920082	L Shaped spreader individual packing	100	1230.00

**268 HANDS ON™ Nitrile Examination Gloves 9.5" Length**

**Material :** Nitrile

Super soft. Perfect sensitivity and comfort. Thickness 4 mils

Code	Size	Packing	Price/Pack	Price/20 Packs
370100	Small	100	1200.00	22800.00
370110	Medium	100	1200.00	22800.00
370120	Large	100	1200.00	22800.00

For Bulk Pack add suffix A after the Code No.



268

**269 Gloves Dispenser**

**Material :** Acrylic

This wall mounted dispenser saves counter space and increase glove wearing.

Code	Places	Packing	Price /Packs
370050	1	1	1037.00
370060	2	1	1561.00
370070	3	1	2076.00



269

**270 Pasteur Pipette**

**Material:** LOPE conforming to US FDA 21 CFR

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
940070	1	500	724.00	16507.00
940050	3	500	754.00	17191.00

For Bulk Pack add suffix A after the Code No.

**Purepack Pasteur Pipette - Sterile**

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
520063	1	500	2516.00	57365.00
520064	3	500	2558.00	58322.00



270



271

271

**Sample Container**

*Material : PP/HOPE confirming to US FDA 21 CFR*

Code	Capacity ml	Packing	Price/Pack
510000	100	280	2230.00
510010	100 sterile	280	2644.00
510020	50	384	2380.00
510030	50 sterile	384	3171.00

272

**Hand Protector Grip**

Hand protector grip made of silicone rubber which protects hand from temperature when handling or carrying hot glassware. Thumb and fingers fit into end pockets and gripping surface has studs for non slip grip.

Code	Description	Packing	Price/Packs
800000	Hand Protector Grip	1	1508.00



272

273

**Measuring Scoop**

*Material : PP confirming to US FDA 21 CFR*

Autoclavable calibrated scoops have white flat bottom and top.

Code	Capacity ml	Packing	Price/pack	Price/12 Packs
922110	2	12	425.00	4845.00
922120	5	12	471.00	5369.00
922130	10	12	613.00	6988.00
922140	25	12	799.00	9109.00
922150	50	12	1110.00	12654.00
922160	100	12	1679.00	19141.00
922170	250	12	3652.00	41633.00
922180	500	6	2624.00	29914.00
922190	1000	6	3120.00	35568.00

For Bulk Pack add suffix A after the Code No.



273

**274 Ria Vial**

*Material: PP*

These translucent tubes are particularly use for serology where low absorption of protein is very important. AMBER Vials provide good protection for light sensitive samples from 270 to 600 nm

Code	Size mm	Packing	Price/Pack	Price/100 Packs
850020	12x75	500	468.00	44460.00
850060	12x40	500	349.00	33155.00
850071 L	12x75(Light amber)	500	568.00	53960.00
850070 L	12x40(Light amber)	500	437.00	41515.00

For Bulk Pack add suffix A after the Code No.



274

**275 Ria Vial**

*Material : PS*

These transparent tubes are suitable for wide range of applications.

Code	Size mm	Colour	Packing	Price/Pack	Price/100 Packs
850010	12X75	Natural	500	468.00	44460.00
850050	12X40	Natural	500	361.00	34295.00

For Bulk Pack add suffix A after the Code No.



275

**276 Cap**

*Material: HOPE*

Code	Size mm	Colour	Packing	Price/Pack	Price/100 Packs
850000	12	Natural	500	251.00	23845.00
850080	12	Amber	500	309.00	29355.00

For Bulk Pack add suffix A after the Code No.

Please add suffix N= Natural, W = White, R = Red, B=Blue, Y= Yellow, G = Vreen  
Please add suffix Z for Amber



276



277



278



279



280

**277 Petridish with triple vent Radiation Sterile**

**Material:** PS confirming to US FDA 21 CFR

Vented dishes have elevated lid which allows for good gas exchange and encourage evaporation. This design is useful when the poured dishes are to be used as soon as possible. The design of the dish maintains sterility because the particles would have to go up and over the dish wall to get inside which is very rare in normal airflow.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460035	35 x 15	500	3219.00	61161.00
460038	35 x 15	500 sleeve of 10	3010.00	57190.00
460062	60 x 15	250	1795.00	34105.00
460061	60 x 15	360 sleeve of 15	2447.00	46493.00
460090	90 x 14	450 individual packing	3901.00	74119.00
460091	90 x 14	480 packed in sleeve of 10	3715.00	70585.00
460095	90 x 14	480 packed in sleeve of 20	3623.00	68837.00
460140	140 x 16	136	4631.00	87989.00

For Bulk Pack add suffix A after the code no.

**278 Petri dishes Non Vented Radiation Sterile**

**Material:** PS confirming to US FDA 21 CFR

Non vented dishes have lid which fits flatly on the base resulting in less potential for external contamination and significantly reduced evaporation rate.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460020	90 x 14	450	3901.00	74119.00
460030	90 x 14	480 packed in sleeve of 10	3716.00	70604.00
460040	90 x 14	480 packed in sleeve of 20	3623.00	68837.00

For Bulk Pack add suffix A after the code no.

**279 Aseptic Petridish**

**Material:** PS confirming to US FDA 21 CFR

These petri dishes are manufactured in clean room under aseptic conditions which ensures no contact with any contaminants Aseptically produced Petridishes are particulate free and have the added advantage of being free of chemical residues produced by ETO which causes false negative reading. It also eliminates discolouration and stress caused by Radiation Sterilization

Code	(Dia xh) mm	Packing	Price/Pack	Price/20 Packs
<b>Triple Vent</b>				
460051	90 x 14	450 individual packed	3467.00	65873.00
460092	90 x 14	500 packed in sleeve of 20	3408.00	64752.00
<b>Non Vented</b>				
460050	90 x 14	500 packed in sleeve of 20	3408.00	64752.00

For Bulk Pack add suffix A after the code no.

**280 Petridish Triple Vent Extra Depth Radiation Sterile**

**Material :** PS confirming to US FDA 21 CFR

The extra depth is an advantage for plant tissue culture experiment.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460094	90 x 20	360	3790.00	72010.00
460096	90 x 20	360 packed in sleeve of 15	3538.00	67222.00

For Bulk Pack add suffix A after the code no.

**281 Contact Plate Radiation Sterile**

**Material:** PS confirming to US FDA 21 CFR

Contact plates are used in routine hygiene monitoring of surfaces triple vent aids gas exchange and numbered grid on the base facilitates colony counting.

Code	Size	Type	Packing	Price/Pack	Price/20 Packs
460065	55 x 14 mm	Flat	400	2674.00	50806.00
460070	55 x 14 mm	Dome	360	2648.00	50312.00

For Bulk Pack add suffix A after the Code No.



281

**282 Petri Dish Autoclavable**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Code	mm	Packing	Price/Pack	Price/24 Packs
462010	50	12	422.00	9622.00
462020	75	12	504.00	11491.00
462030	100	12	585.00	13338.00
462040	125	12	898.00	20474.00

For Bulk Pack add suffix A after the Code No.

**Material:** PMP (TPX) confirming to US FDA 21 CFR Autoclavable

Code	mm	Packing	Price/Pack	Price/24 Packs
461010	50	12	1120.00	25536.00
461020	75	12	2220.00	50616.00
461030	100	12	2382.00	54310.00
461040	125	12	3631.00	82787.00

For Bulk Pack add suffix A after the Code No.



282

**283 Rack for Petri Dish**

**Material:** PMMA/PC

Code	Places	mm	Packing	Price/Pack
270090	60	90	2	3958.00
270060	56	60	2	3629.00
270070	56	Contact Plate	2	3629.00



283

**284 Incubation Tray**

**Material:** RPP Autoclavable

Code	Packing	Price/Pack
525190	4	1367.00



284



285

**285 Maxiamp PCR® Tubes**

*Material: Polypropylene*

Code	Capacity ml	Type	Packing	Price/Pack	Price/10 Packs
510051	0.2	Flat	1000	1745.00	16578.00
510052	0.5	Flat	1000	1745.00	16578.00
510053	0.2	Domed	1000	1745.00	16578.00

For Bulk Pack add suffix A after the Code No.



286

**286 Maxiamp 0.2ml Tube Strips with Cap**

*Material: Polypropylene*

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
610040	Clear	Flat	125	3872.00	36784.00
610050	Clear	Domed	125	4235.00	40233.00
610060	Clear	Ultra Clear	125	4235.00	40233.00
610070	White	Ultra Clear	125	4719.00	44831.00
510073	Ultra Clear	Clear	125	1694.00	16093.00
Cap for Strips/Plates 0.1/0.2 ml					

For Bulk Pack add suffix A after the Code No.



287

**287 Maxiamp 0.2ml Tube Strips with attached Cap**

*Material: Polypropylene*

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
610080	Clear	Ultra Clear	120	4719.00	44831.00
610090	White	Ultra Clear	120	5082.00	48279.00

For Bulk Pack add suffix A after the Code No.



288

**288 Maxiamp 0.1ml Low Profile Tube Strips with Cap**

*Material: Polypropylene*

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
611010	Clear	Flat	125	3872.00	36784.00
611020	Clear	Domed	125	4235.00	40233.00
611030	Clear	Ultra Clear	125	4598.00	43681.00
611040	White	Ultra Clear	125	5082.00	48279.00

For Bulk Pack add suffix A after the Code No.



**289 Corbett - Type Strip Tubes and Caps**

**Material:** PS confirming to US FDA 21 CFR

Compatible with Qiagen® / Corbett Rotor-Gene® Instruments. Rotor-Gene and Qiagen are Registered Trademarks of the Qiagen Group.

Code	Description	Packing	Price/Packs
510059	100ul	250	10000.00



**290 Non Skirted 96 Wells Standard Profile**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Certified DNase, RNase, Pyrogen free

Code	Capacity	Packing	Price/Pack
612010	Standard	25	4813.00



**291 Semi Skirted 96 Wells Standard Profile**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Certified DNase, RNase, Pyrogen free

Code	Capacity	Packing	Price/Pack
612030	Standard	25	6470.00



**292 Semi Skirted Raised Deck 96 Wells Standard Profile**

**Material:** PP confirming to US FDA 21 CFR Autoclavable

Certified DNase, RNase, Pyrogen free

Code	Capacity	Packing	Price/Pack
612020	Standard	25	6470.00





**293 Non Skirted 96 Wells Low Profile**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

Certified DNase, RNase, Pyrogen free			
Code	Capacity	Packing	Price/Pack
613010	Low Profile	25	4813.00



**294 Semi Skirted 96 Wells ABI® Fast Block Type Low Profile**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

Certified DNase, RNase, Pyrogen free			
Code	Capacity	Packing	Price/Pack
613030	Low Profile	25	6470.00



**295 Semi Skirted 96 Wells Roche® Light Cycler Type Low Profile**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

Certified DNase, RNase, Pyrogen free			
Code	Capacity	Packing	Price/Pack
613040	Low Profile	25	6470.00

114



**296 Skirted 96 Wells Low Profile**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

Certified DNase, RNase, Pyrogen free			
Code	Capacity	Packing	Price/Pack
613020	Low Profile	25	6739.00



**297 Deep Well Storage Plates - 96 Wells**

*Material : PP confirming to US FDA 21 CFR Autoclavable*

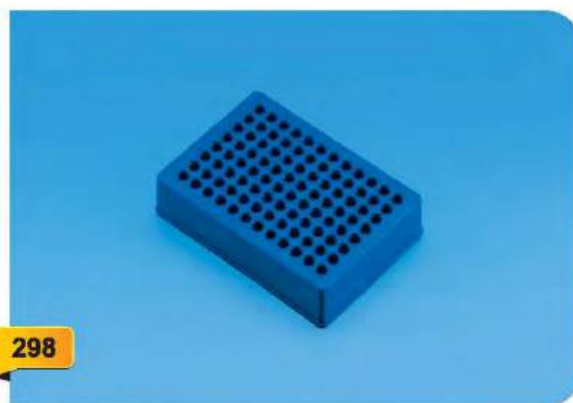
Certified DNase, RNase, Pyrogen free			
Code	Capacity ml	Packing	Price/Pack
510066	0.8	50	20856.00
510067	1.1	50	17112.00
510068	2.0	50	31280.00

**298 PCR Tube Rack**

Material : PP Autoclavable

Code	Places	Packing	Price/Pack	Price/5 Packs
240060	96	6	1857.00	8821.00

For Bulk Pack add suffix A after the code No.



298

**299 Optical Plate Seal**

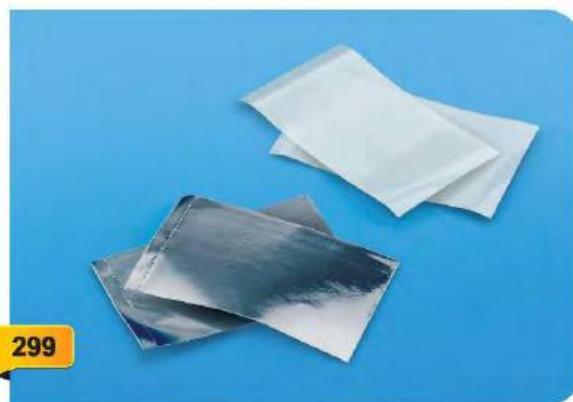
This disposable adhesive seal provides the best sealing option of plates. The Optical PCR Plate Seal is non pierceable but can be easily removed after the PCR reaction is performed. A pressure applied by the heated lid of aq thermal cyclor is needed to keep the seal well closed during thermal cycling. Opti-seal has excellent optical properties and is therefore a good choice for Real Time PCR applications. Temperature range -20°C to 120° c

Code	Packing	Price/Pack
157300	100	10571.00

**Aluminium Plate Seal**

This disposable adhesive aluminized seal provides a sealing option for plates. Aluminium PCR Plate Seal is pierceable and suited for cold storage after the PCR reaction. A pressure applied by the heated lid of a thermal cyclor is needed to keep the seal well closed during thermal cycle. Temperature range -80° C to 150°C

Code	Packing	Price/Pack
157200	100	17617.00



299

**300 PCR Rack with Cover**

Material : PP Autoclavable

Convenient Polypropylene rack for 0.2 ml PCR tubes strips and plates. This rack is stackable with or without lid.

Code	Places	Packing	Price/Pack	Price/5 Packs
241000	96	6	2436.00	11571.00

For Bulk Pack add suffix A after the code No.



300

**301 Straight Connector**

Material: Medical Grade PP confirming to USP Class VI Autoclavable

These autoclavable polypropylene barbed fitting are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720000	1/8	3.2	10	1412.00
720010	5/32	4	10	1412.00
720020	3/16	4.8	10	1412.00
720030	1/4	6.4	10	1412.00
720040	5/16	8	10	1412.00
720050	3/8	9.5	10	1412.00
720060	1/2	12.7	10	1412.00



301



302



303



304



305



306

**302 Elbow Connector**

**Material :** Medical Grade PP Confirming to USP Class VI **Autoclavable**

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720100	1/8	3.2	10	1412.00
720110	5/32	4	10	1412.00
720120	3/16	4.8	10	1412.00
720130	1/4	6.4	10	1412.00
720140	5/16	8	10	1412.00
720150	3/8	9.5	10	1412.00
720160	1/2	12.7	10	1412.00

**303 T Connector**

**Material :** Medical Grade PP Confirming to USP Class VI **Autoclavable**

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720200	1/8	3.2	10	1412.00
720210	5/32	4	10	1412.00
720220	3/16	4.8	10	1412.00
720230	1/4	6.4	10	1412.00
720240	5/16	8	10	1412.00
720250	3/8	9.5	10	1412.00
720260	1/2	12.7	10	1412.00

**304 Y Connector**

**Material :** Medical Grade PP Confirming to USP Class VI **Autoclavable**

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720300	1/8	3.2	10	2112.00
720310	3/16	4.8	10	2112.00
720320	1/4	6.4	10	2112.00
720330	3/8	9.5	10	2112.00
720340	1/2	12.7	10	2112.00

**305 Snapper Clamp**

**Material :** Acetal

Clamps are made of polyacetal that won't rust or corrode. Snapper clamp size well vary with hose thickness and barbed fitting sizes. An assortment kit includes 24 clamp i.e. 6 of each size 1.5, 4 , 6 and 8.

Code	Packing	Price/Pack
720500	Set of 24 Pcs	1100.00

**306 Pinch Clamp**

**Material :** PP **Autoclavable**

ON/OFF Ratchet Clamp fits 5 mm to 9.5 mm OD tubing

Code	Packing	Price/Pack
720510	10	589.00

### 307 Quick Disconnect Fittings

Code	Fits Tubing / ID	Packing	Price/Pack
583125	1/4"	2	4638.00
583126	3/8"	2	4956.00



307

### 308 Tygon Laboratory Tubing

Crystal clear and flexible. Tygon laboratory tubing handles virtually all inorganic chemicals found in the lab. It is non-oxidizing and non-contaminating. This tube can be autoclaved and is flexible even at -43°C. Durometer hardness shore A55. Can be used with condensers, incubators gas lines, drain lines etc.

Code	ID x OD inch	ID x OD mm	Packing	Price/Pack
730000	1/8x3/16	3.2x4.8	15 mts	5116.00
730010	5/32x7/32	4.0x5.6	15 mts	6481.00
730020	3/16x1/4	4.8x6.4	15 mts	7017.00
730030	1/4x3/8	6.4x9.6	15 mts	17392.00
730040	5/16x7/16	8.0x11.2	15 mts	20803.00
730050	3/8x1/2	9.5x12.7	15 mts	24556.00
730060	1/2x5/8	12.7x15.9	15 mts	29672.00



308

### 309 Tygon Vacuum Tubing

Tygon vacuum tubing is autoclavable and has extra heavy wall thickness that will stand full vacuum at room temperature. Ideal for analytical testing of gases vapours.

Code	ID x OD inch	IDxODmm	Packing	Price/Pack
740000	2/16x9/16	4.8x14	3 mts	10913.00
740010	1/4x5/8	6.4x16	3 mts	12960.00
740020	3/8x7/8	9.5x2.3	3 mts	21825.00

Code 740010 compatible with ROCKYVAC, CHEMVAC and TARSONS vacuum desiccator and filter holders.



309

### 310 Micro Test Plate

Material : PS

Code	Description	Packing	Price/Packs
941196	Flat Bottom	50	1911.00
941296	U Bottom	50	1911.00
941396	V Bottom	50	1911.00



310

### Specification

Code No.	Model	Top Plate		Heating		Stirring		Dimension (Wx H x D)	Power			
		Dimension	Material	Temp Range	Max Load	Speed Range	Max Capacity		VAC	Hz	Amps	Watts
4040	SPINIT™	18x18cm	Ceramic	-	-	100 -1200rpm	5L	32 x 24 x 12 cm	240	50	0.1	15
4010	SPINIT™	26 x26 cm	Ceramic	-	-	100 -1200rpm	10L	48 x 37 x 14 cm	240	50	0.1	15
5040	HOTOP™	18 x18 cm	Ceramic	50° C-500° C	11Kg	-	-	32x24x12cm	240	50	4.6	1100
5090	HOTOP™	26 x26 cm	Ceramic	50° C-300° C	16Kg	-	-	48 x 37 x 14 cm	240	50	6.25	1500
6040	SPINOT™	18 x18 cm	Ceramic	50° C-500° C	11Kg	100 -1200rpm	5L	32 x 24 x 12 cm	240	50	4.7	1115
6090	SPINOT™	26 x26 cm	Ceramic	50° C-300° C	16Kg	100 -1200rpm	10L	48 x 37 x 14 cm	240	50	6.4	1515

#### 311A SPINIT™ Digital Magnetic Stirrer

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
4040	18x18cm	Ceramic	1	23462.00	133733.00
4010	26 x 26 cm	Ceramic	1	28155.00	160484.00

For Bulk Pack add suffix A after the code No.

#### 311B HOTOP™ Digital Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
5040	18x18cm	Ceramic	1	24708.00	140836.00
5090	26 x 26 cm	Ceramic	1	29989.00	170937.00

For Bulk Pack add suffix A after the code No.

#### 311C SPINOT™ Digital Magnetic Stirrer Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
6040	18x18cm	Ceramic	1	31724.00	180827.00
6090	26 x 26 cm	Ceramic	1	44292.00	252464.00

For Bulk Pack add suffix A after the Code No.

### Optional Accessories

Code	Description	Packing	Price
5041	SS Support Rod	1	811.00
5042	Boss Head Clamp	1	702.00
5043	Clamping Rod	1	497.00
6041	External Probe 6"	1	5928.00
6042	External Probe 8"	1	6606.00

Spares are not included and are to be ordered separately

#### 312 SS Lab Jack

Material : Stainless steel

Code	Platform size	Packing	Price/Pack
110016	3" X 3"	1	5999.00
110011	4" X4"	1	6470.00
110012	6" X6"	1	7294.00
110013	6" X 8"	1	8117.00
110014	8" X 8"	1	8941.00
110015	10" X 10"	1	19410.00





### Specification

Code No.	Model	Top Plate		Heating		Stirring		Dimension (Wx H x D)	Power			
		Diamension	Material	Temp Range	Max Load	Speed Range	Max Capacity		VAC	Hz	Amps	Watts
4020	SPINIT™	10x10cm	Ceramic	-	-	100-1000rpm	1L	12 x 11 x 13 cm	240	50	0.11	15
4030	SPINIT™	18x18cm	Ceramic	-	-	100-1000rpm	5L	19 x 11 x 21 cm	240	50	0.11	15
5020	HOTOP™	10 x10 cm	Ceramic	150° C -500°C	6Kg	-	-	12 x 11 x 13 cm	240	50	1.6	375
5030	HOTOP™	18x18cm	Ceramic	150° C -500°C	11Kg	-	-	19 x 11 x 21 cm	240	50	4.6	1100
6020	SPINOT™	10x10cm	Ceramic	150° C-500° C	6Kg	100-1000rpm	1L	12 x 11 x 13 cm	240	50	1.7	390
6030	SPINOT™	18x18cm	Ceramic	150° C-500° C	11Kg	100-1000rpm	5L	19 x 11 x 21 cm	240	50	4.7	1115



#### 313A SPINIT™ Magnetic Stirrer

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
4020	10 x 10 cm	Ceramic	1	14828.00	84520.00
4030	18 x 18 cm	Ceramic	1	17733.00	101078.00

For Bulk Pack add suffix A after the code No.

#### 313B HOTOP™ Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
5020	10 x 10 cm	Ceramic	1	12023.00	68531.00
5030	18 x 18 cm	Ceramic	1	14225.00	81083.00

For Bulk Pack add suffix A after the code No.

#### 313C SPINOT™ Magnetic Stirrer Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
6020	10 x 10 cm	Ceramic	1	20038.00	114217.00
6030	18 x 18 cm	Ceramic	1	22341.00	127344.00

For Bulk Pack add suffix A after the code No.



MULTISPIN is a 4 position motorless magnetic stirrer with no moving parts to maintain. It generates a powerful magnetic field for smooth stirring of large volume and highly viscous solutions. Digital control of speed, reverse stir and power rating allows for precise setting.



121

### 314 Multispin

Specifications	
Stirring Speed	80-1200 RPM
Stirring Volume	upto 1000 ml
Stirring Position	4
Power Rating	5 /10/ 15/ 20 Watts
Dimension	36 L x 32 W x 5 H (cm)
Power	AC 230V, 50Hz

Code	Description	Packing	Price / Pack
4060	Multispin	1	25111.00



**315**

**Motorless Magnetic Stirrer**

*Material : Magnetic Stirrer*

It has electromagnetic drive which has no moving parts, thus no maintenance. Speed can be controlled from 100-1000 RPM and can stir upto 3 liters. Not for use in hazardous area and do not submerge in water.

Code	I x b cm	Packing	Price /Pack	Price / 6Packs
4050	12x12	1	7065.00	40271.00

For Bulk Pack add suffix A after the code No.



**316 SPINIT Mini**

Specifications

- Speed Range 50-1500 RPM
- Maximum Stirring Capacity 800 ml. H<sub>2</sub>O
- Maximum Vessel Dia 100 mm.
- Maximum Stirring Bar Length 25 mm.

Code	Packing	Price/Pack	Price / 6Packs
4011	1	9785.00	55775.00

For Bulk Pack add suffix A after the Code No.





**317 Round Magnetic Stirrer Bar with Pivot Ring**

*Material: PTFE I ALNICO V MAGNET*

Code	mm	Packing	Price/Packs
4210	6x10	10	1580.00
4110	8x14	10	1759.00
4111	8x22	10	1848.00
4112	8x30	10	2037.00
4113	8x40	10	2238.00
4114	8x50	10	2449.00
4115	8x65	5	1631.00
4117	Assorted*	1 set	2159.00
4120	9.5x14	10	2148.00
4121	9.5x22	10	2349.00
4122	9.5x30	10	2560.00
4123	9.5x40	10	2783.00
4124	9.5x50	10	2961.00
4125	9.5x65	5	2137.00
4133	12.7x38	2	1344.00
4137	12.7x76	2	1761.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.



**318 Polygon Magnetic Stirrer Bar**

*Material: PTFE I ALNICO V MAGNET*

Code	mm	Packing	Price/Packs
4240	6x10	10	1202.00
4140	8x14	10	1336.00
4141	8x22	10	1425.00
4142	8x30	10	1636.00
4143	8x40	10	1836.00
4144	8x50	10	2037.00
4145	8x60	5	1425.00
4146	Assorted*	1 set	1725.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.



**319 Octagon Magnetic Stirrer Bar**

*Material : PTFE I ALNICO V MAGNET*

Code	mm	Packing	Price/Packs
4250	6x10	10	1391.00
4150	8x14	10	1536.00
4151	8x22	10	1636.00
4152	8x30	10	1836.00
4153	8x40	10	2037.00
4154	8x50	10	2238.00
4155	8x60	5	1530.00
4156	Assorted*	1 set	1904.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.

320

### Oval magnetic Stir Bar

Code	mm (ø x L)	Packing	Price/Pack
4310	5x10, 6x15, 10x25, 10x30, 13x35, 17x50	1 set contains 2 each of length 10-30 mm and 1 of 35 & 50 mm	11447.00
4311	5X10	2	2214.00
4312	6X15	2	2214.00
4313	10X25	2	2214.00
4314	10X30	2	2916.00
4315	13X35	1	2214.00
4316	17X50	1	2798.00



320

321

### Triangular Magnetic Stirrer Bar

**Material:** PTFE I ALNICO V MAGNET

Ideal for dissolving solids and mixing of sediments

Code	mm	Packing	Price/Pack
4180	14x30	2	1278.00
4181	14x40	2	1493.00
4182	14x50	2	1705.00



321

322

### Dumb-Bell Magnetic Bar

**Material:** PTFE I ALNICO V MAGNET

Ideal for high viscous mixtures and round bottom container

Code	mm	Packing	Price /Pack
4170	20x35	5	2666.00
4171	20x45	5	2882.00
4172	20x55	5	3194.00



322

323

### Cross-spin Magnetic Stirrer Bar

**Material :** PTFE I ALNICO V MAGNET

Code	mm	Packing	Price/Pack
4191	9.5x9.5	1 set Consisting 1 of each size	3834.00
	19x19		
	25x25		
	32x32		
	38x38		



323



324

### 324 Trapezoidal Magnetic Stirring Bar

**Material:** PTFE / Rare earth magnet

The high energetic rare earth magnet has higher torque and efficiency as compared to conventional stirring bar.

Code	( $\phi$ x l) mm	Packing	Price/Pack
4190	20 x 46	1	3194.00



325

### 325 Micro Spin Magnetic Stirring Bar

**Material :** PTFE / ALNICO V MAGNET

Code	( $\phi$ x l) mm	Packing	Price/Pack
4160	2 x 6 3 x 10	1 set consisting 5 of each size	1917.00

126



326

### 326 Spinwings

**Material:** PTFE / ALNICO V MAGNET

These stirring bars are used for effective stirring in small conical and round centrifuge and test tube.

Code	Description	Packing	Price/Pack
522000	Triangular, Half round and half round taper	1 set consisting 2 of each size	3196.00



327

### 327 Magnetic Retriever

**Material:** PTFE / ALNICO V MAGNET

Code	Length cm	Packing	Price/Pack
4192	30	2	963.00

**328A Staining Box**

*Material : PP/PP*

Used for staining destaining and handling of electrophoresis gels and membranes Plug in the box allows easy liquid drainage with minimal gel handling.

Code	lxbxh cm	Packing	Price/Pack	Price/12 Packs
482020	12.5x12.5x5	2	394.00	4492.00
482060	22.5x22.5x5	2	646.00	7364.00

For Bulk Pack add suffix A after the code No.



328

**328B Staining Box**

*Material : Amber PP/PP*

Code	lxbxh cm	Packing	Price/Pack	Price/12 Packs
482080	12.5x12.5x5	2	557.00	6350.00
482090	22.5x22.5x5	2	895.00	10203.00

For Bulk Pack add suffix A after the code No.



329

**329 Staining Box**

*Material : TPX I PP*

Code	lxbxh cm	Packing	Price/Pack	Price/12 Packs
482030	12.5x12.5x5	2	895.00	10203.00
482070	22.5x22.5x5	2	1429.00	16291.00

For Bulk Pack add suffix A after the code No.



330

**330 Scintillation Vial**

*Material: PP/HOPE*

Code	Capacity ml	Packing	Price/Packs
522010	8	100	718.00
522020	20	100	958.00

**331 Rack for Scintillation Vial**

*Material: PP Autoclavable*

Code	Places	Capacity ml	Packing	Price/Pack
240020	90	8	2	1529.00
240030	50	20	2	1529.00



331

**332 Flask Stand**

*Material: RPP*

Code	mm	Packing	Price/Pack
280000	160	6	1282.00



332



333

**333 Mini Submarine Electrophoresis Unit**

The unit includes buffer chamber, safety lid with cables. UV transparent tray and one each of 1.5 mm thick 8 and 15 well comb.

Code	Casting Tray cm	Packing	Price/Pack
7020	7x7	1	20479.00
7030	7 x 10	1	21813.00

**Spares**

Code	Description	Packing	Price/Pack
7021	Casting Tray 7 x 7 cm	1	2930.00
7031	Casting Tray 7 x 10 cm	1	3976.00
7023	Comb set	2	2721.00
7123	Electrode Set	2	12554.00



334

**334 Midi Submarine Electrophoresis Unit**

The unit includes buffer chamber, safety lid with cables. UV transparent tray and one each of 1.5 mm thick 15 and 20 well comb.

Code	Casting Tray cm	Packing	Price/Pack
7050	15 x 10	1	26155.00

**Spares**

Code	Description	Packing	Price/Pack
7051	Casting Tray 15x10 cm	1	5232.00
7045	Comb set	2	5022.00
7145	Electrode Set	2	16096.00



335

**335 Gel Caster for Submarine Electrophoresis Unit**

Accommodate 7 x 10 cm. 15 x 10 cm. Gel casting tray for gel casting

Code	Packing	Price/Pack
7024	1	7851.00



**336 Electrophoresis Power Supply Unit**

This unit can be used with submarine and mini vertical electrophoresis unit. It can run two units at constant voltage or constant current with maximum output of 300V, 400 mA and 80 Watts. Time can be set in 1 minute increment or continuous mode

Code	Packing	Price/Pack
7090	1	38955.00



336

**337 Mini Dual Vertical Electrophoresis Unit**

Mini dual electrophoresis unit for two slabs gel 10 x 8 cm. The unit includes buffer chamber safety lid with cables two alumina notched plates. 10 glass plates, 2 ten well 1 mm thick combs, 4 spacers of 1 mm thickness and dual gel caster.

Code	Packing	Price/Pack
7080	1	29345.00

**Spares for Vertical Electrophoresis Unit**

Code	Description	Packing	Price/Pack
7081	Electrode Assembly	1	19406.00
7082	Ceramic Plate	2	5652.00
7083	Glass Plate	10	1565.00
7084	Spacer 0.75 mm	4	965.00
7085	Comb 0.75 mm	2	1926.00
7086	Spacer 1.00 mm	4	1205.00
7087	Comb 1.00 mm	2	2886.00
7088	Spacer 1.50 mm	4	1450.00
7089	Comb 1.50 mm	2	3851.00
7180	Silicon Sealing Cord	2	2511.00
7181	Spring Cups	4	1257.00
7182	Gel Caster	1	8790.00



337

**338 Gel Scoop**

*Material : Acrylic*

Made of 3 mm UV transparent acrylic for easy transfer of polyacrylamide and agarose gels between electrophoresis unit stain or de-stain tray and trans-illuminator tapered edge for easy lifting of gel and guide on sides prevent gel from moving.

Code	Size cm	Packing	Price/Pack
923110	7.5x10	1	1283.00
923120	14x20	1	1420.00
923130	20x20	1	1542.00



338



339

339

**Coplin Jar**

*Material : PP/PP*

Code	Places	Packing	Price/Pack	Price/12 Packs
480000	10	12	739.00	8425.00

For Bulk Pack add suffix A after the Code No.



340

340

**Slide Box**

*Material : PS*

Code	Places	Packing	Price/Pack	Price/12 Packs
481010	25	12	1169.00	13327.00
481020	50	6	974.00	11104.00
481030	100	6	1896.00	21614.00

For Bulk Pack add suffix A after the code No.

130



341

341

**Slide Staining Kit**

*Material : Polyacetal*

Universal rack and dish used for autoradiography gel staining and staining procedures. The rack and dish are resistant to chemicals used in staining procedures. The rack holds 25 slides in prenumbered slots. The staining dish has a light tight lid and a compartment for drying agent.

Code	Places	Packing	Price/Pack
482050	25	1	1975.00



342

342

**Slide Storage Rack**

*Material : ABS/SAN*

The removable rack holds 100 slides in prenumbered slots. The spacing between each slides allows adequate forward and backward movement for reference and easy removal or insertion of the slides. The rack is placed in a box with a transparent cover.

For space saving purpose the spacing in the rack permits 2 slides per slot thus providing storage for upto 200 slides.

Code	Places	Packing	Price/Pack	Price/12 Packs
483000	100	6	4488.00	51163.00

**Slide Draining Rack**

*Material : Medical Grade PP conforming to US FDA 21 CFR*

Code	Places	Packing	Price/Pack	Price/12 Packs
483010	100 / 200	12	3365.00	38361.00

For Bulk Pack add suffix A after the code No.

**343 Microscopic Slide File**

*Material : HIPS/SAN*

The slide file holds upto 20 standard microscopic slides. The base holds the slide horizontally in pre numbered spaces for easy identification and the transparent cover protects the slides and allow easy reading of ID labels with or without an optical bar code reader.

Code	Places	Packing	Price/Pack	Price/12 Packs
481060	20	6	3927.00	44768.00

For Bulk Pack add suffix A after the Code No.



343

**344 Microscopic Slide Tray**

*Material : HIPS*

The slide tray holds 20 microscopic slides at an angle and are well protected even when the trays are stacked. The angle on each space facilitates easy slide handling

Code	Places	Packing	Price/Pack	Price/12 Packs
481050	20	6	2978.00	33949.00

For Bulk Pack add suffix A after the Code No.



344

**345 Slide Dispenser**

*Material : ABS/PC*

Code	Places	Packing	Price /Pack
485000	50	2	984.00



345

**346 Slide Mailer**

*Material : PP*

Code	Places	Packing	Price/Pack	Price/24 Packs
482040	1	25	257.00	5860.00
482000	2	25	412.00	9394.00
482010	5	12	226.00	5153.00

For Bulk Pack add suffix A after the code No.



346



**347 KN95 Particulate Respirator**

These provide protection from dust, mist and fumes. Head straps are latex free, offer 95% minimum filter efficiency.  
Cat 800072 has a built in exhalation valve for cooler and easier breathing.

Code	Description	Packing	Price/Pack
800062	KN95 Particulate Respirator	20	5000.00
800072	KN95 Particulate Respirator with exhalation valve	10	3000.00



**348 Sharp Container**

*Material: PP Autoclavable*

Phlebotomy container has built in needle removal port designed to prevent contact during disposal. It has temporary and final closure for final security.  
Sharp container has counter balance door which facilitates hand free disposal to reduce the potential of sharp injuries. It has temporary and final closure for final security.

Code	Description	Packing	Price/Pack	Price/12 Packs
882209	Phlebotomy Collector 1.5 Ur	6	1491.00	16997.00
882210	Sharp Container 5 Us	6	2983.00	34006.00

For Bulk Pack add suffix A after the Code No.



**349 Biohazardous Waste Container**

*Material : PP*

Autoclavable waste container for secondary containment of biohazardous waste materials. Allow convenient one step sterilization, avoiding the need to remove autoclavable bag.

Code	Capacity Us	Packing	Price/Pack
583256	5	1	872.00
583254	20	1	2226.00

**Cylindrical Tank with Cover**

*Material : PP*

Autoclavable waste container for secondary containment of biohazardous waste materials. Allow convenient one step sterilization, avoiding the need to remove autoclavable bag.

Code	Capacity Us	Packing	Price/Pack
583310	20	1	1692.00



**350 Safety Face Shield**

Head gear with ratchet adjustment provides a comfortable fit. Clear face shield window of Polycarbonate provides high impact and splash protection.

Code	Description	Packing	Price/Pack
800050	Safety Face shield	1	2400.00

### 351 Autoclavable Biohazard Bags

**Material: PP Autoclavable**

These are thick, high strength and high temperature resistant, Autoclavable bags are clearly labeled with Biohazard warnings. Bright red colour for quick identification.

Code	Size	Packing	Price/Pack
550011	8" x 12"	100	855.00
550012	12" x 24"	100	2512.00
550013	14" x 19"	100	2337.00
550014	19" x 24"	100	4040.00
550015	24" x 30"	100	5507.00
550016	24" x 36"	100	6661.00



351

### 352 Autoclavable Bags

**Material : PP Autoclavable**

These are thick high strength, high temperature resistant autoclavable bags.

Code	Size	Packing	Price/Pack
550021	8" x 12"	100	830.00
550022	12" x 24"	100	2443.00
550023	14" x 19"	100	2269.00
550024	19" x 24"	100	3928.00
550025	24" x 30"	100	5347.00
550026	24" x 36"	100	6492.00



352

### 353 Whirlpak Sterile Bag

Code	Size	Packing	Price/Pack
554010	60 ml.	500	6237.00
554020	120 ml.	500	6393.00
554030	240 ml.	500	7840.00
554040	530 ml.	500	8997.00
554050	700 ml.	500	11796.00
554060	1240 ml.	500	16859.00
554070	2040 ml.	500	19251.00



353

### 354 Sample Bags

**Material: LOPE**

Code	Size	Packing	Price/Pack
553010	4" x 6"	100	310.00
553020	5" x 8"	100	527.00
553030	6" x 13"	100	906.00
553040	9" x 13"	100	1346.00
553050	9" x 18"	100	1833.00



354



355

355

### UV Safety Goggles

Light weight comfortable eyewear provides UV protection. Polycarbonate lenses have integrated side shield.

Code	Description	Packing	Price/Pack
800040	UV Safety Goggles	1	1240.00



356

356

### Safety Goggles

Moulded of soft flexible polyvinyl chloride which conforms to the face and nose and have vents to reduce fogging. The front lens is made in clear acetate and can be worn over regular eye glasses with complete comfort

Code	Description	Packing	Price/Pack
800010	Safety Goggles	2	602.00

### Safety Eyewear Box

*Material : PMMA*

Code	l X b X h cm	Packing	Price/Pack
800030	32x16x14	1	1092.00

134



357

357

### Forceps

*Material : PP Autoclavable*

Code	Description	Packing	Price/Pack
486000	Forceps	12	588.00



358

358

### Stirring Rod

These autoclavable stirring rod have flat paddle 16 mm x 16 mm at one end and triangular paddle at the other end and overall length of 245 mm.

Code	l x b mm	Packing	Price/Pack
144000	16x16	12	487.00

**359 Kipps Apparatus***Material: PP*

Code	Capacity ml	Packing	Price/Pack
020010	250	1	1559.00
020020	500	1	2059.00
020030	1000	1	3260.00

**359****360 Stopcock***Material: PP/PTFE*

Code	Description	Packing	Price/Pack
890010	2way	6	3968.00
890020	3way	6	4533.00

**360****361 Syphon***Material: LOPE*

Code	Size mm	Packing	Price/Pack
660010	6.0	2	2064.00
660020	12.5	2	2756.00

**361**

## SPARES

Code	Description	Price each
S03001	Nozzle T2/T10	913.00
S03002	Nozzle T20	913.00
S03003	Nozzle T100	915.00
S03004	Nozzle T200	915.00
S03005	Nozzle T1000	915.00
S03006	Nozzle T5000	1371.00
S03011	Piston Assembly With Seal T2	1484.00
S03012	Piston Assembly With Seal T10	1484.00
S03013	Piston Assembly With Seal T20	1484.00
S03014	Piston Assembly With Seal T100	1484.00
S03015	Piston Assembly With Seal T200	1484.00
S03016	Piston Assembly With Seal T1000	1484.00
S03017	Piston Assembly With Seal T5000	2056.00
S03061	Power P.C.B for orbital Shaker MC-02	5559.00
S01021	Key Pad for Spinwin MC-01	3424.00
S01022	Top Lid for Spinwin MC-01	1256.00
S03021	Cam Assembly for Spinix-01	3424.00
S03022	Rheostat for Spinix-01	4110.00
S06021	Motor for SpiniUSpinot-01	3974.00
S06031	Motor for SpiniUSpinot-02	3768.00
S06022	Heater 10 x 10 cm	571.00
S06032	Heater 18 x 18 cm	1028.00
S06000	Energy Regulator	1085.00
S06023	Glass Ceramic 10 x 10 cm	4110.00
S06033	Glass Ceramic 18 x 18 cm	5480.00
S07011	Plastic Trap with Regulator	2968.00
S07012	Vacuum Gauge	4110.00
4002	Motorless Adaptor	1828.00
S07010	Mini Electrophoresis Top Cover	6155.00
S07020	Mini Electrophoresis Bottom Buffer Tank	7743.00
S07030	Midi Electrophoresis Top Cover	8139.00
S07040	Midi Electrophoresis Bottom Buffer Tank	10721.00
3042	Motor For Dancing Shaker	12309.00
S01023	PCB for Spinwin MC-01	11415.00
S01050	Cover for Spinwin MC-00	1143.00
S03094	Keypad for Rotospin	2979.00
S03095	P.C.B. for Power Supply for T. T. Rotator	6948.00
S06012	P.C.B. for Spino! 10 x 10 cm	4224.00
S06013	Regulator for Spino! 10 x 10 cm	573.00
S06034	P.C.B. for Spino! 18 x 18	6393.00
S02041	Pipettor Battery Charging Desk Stand for Steripette Pro (Plastic)	4594.00
S02042	Replacement Power Supply for Steripette Pro	7344.00
S02043	Replacement Battery; Lithium-Ion for Steripette Pro (UV-resistant plastic)	5500.00
S02044	Replacement Nosepiece for Steripette Pro (Sillicone)	2938.00

## Terms and Conditions of Sale

1. The Price list includes 'Tarsons' Brand products and products from other manufacturers.
2. All prices are FOR destination by Road Transport only.
3. GST will be charged extra as applicable at the time of billing.
4. Prices are exclusive of GST.
5. The price for items of special requirement will be quoted on request.
6. This cancels all our previous price list.
7. The prices for Port Blair are Ex Calcutta
8. Our responsibility ceases once we deliver the goods to the carrier.
9. All disputes shall be within the competent courts in Kolkata
10. Goods will be dispatched in standard packing or multiple thereof.
11. Capacity measures are for laboratory use only and not for Commercial use.
12. The company reserves the right to change colour and modify the design of the product.
13. Force measure: Company has every right to change the prices of trading product range, imported from out of India (not manufactured by Tarsons) in case of any unforeseen circumstances which will supercede any kind of existing supply contracts.
14. The pricelist is effective from 1st July 2020.



## Physical Properties of Tarsons Labware

Resin	Max Use Temp °C	Brittleness Temp °C	Transparency	Sterilization					Specific Gravity	Flexibility	Water Absorption %
				Auto-claving	Gas	Dry Heat	Radiation	Disinfectant			
HOPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	<0.01
LOPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	<0.01
PC	135	-135	Clear	Yes+	Yes	No	No	Yes	1.20	Rigid	0.35
PMMA	50	20	Clear	No	Yes	No	Yes	Some	1.20	Rigid	0.30
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	<0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05
PSF	165	-10	Clear	Yes	Yes	Yes+	Yes	Yes	1.24	Rigid	0.30
PTFE	270	-200	Opaque	Yes	Yes	Yes	No	Yes	2.17	Excel	<0.01
PVDF	110	-62	Translucent	Yes	Yes	No	No	Yes	1.75	Rigid	0.05
TPX*	175	20	Clear	Yes	Yes	Yes+	No	Yes	0.83	Rigid	<0.01

### Sterilization

- Autoclaving (1210c, 15 psig for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain Chemicals which have no appreciable effect on resins at room temper ature may cause deterioration at autoclaving temperatures.

### ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.

- Gas - Ethylene oxide, formaldehyde.
- Dry heat - 160DC for 120 minutes
- Disinfectant - Benzalkonium chloride, Formalin, Ethanol, etc.
- Radiation - gamma irradiated at 2.5 Mrad with unstabilized plastic.

+ Sterilizing reduces mechanical strength. Do not use PC vessels for vacuum application if they have been autoclaved.

## Chemical Resistance for Tarsons Labware

Classes of Substances at Room Temperature	HDPE	LDPE	PC	PMMA	PP	PS	PSF	PTFE	PVDF	TPX*
Acids, Dilute or Weak	E	E	E	G	E	E	E	E	E	E
Acids, Strong and Concentrated	E	E	N	N	E	F	G	E	E	E
Alcohols, Aliphatic	E	E	G	N	E	E	G	E	E	E
Aldehydes	G	G	F	G	G	N	F	E	E	G
Bases	E	E	N	F	E	E	E	E	E	E
Esters	G	G	N	N	G	N	N	E	G	G
Hydrocarbons, Aliphatic	G	F	F	G	G	N	G	E	E	F
Hydrocarbons, Aromatic	G	F	N	N	F	N	N	E	E	F
Hydrocarbons, Halogenated	F	N	N	N	F	N	N	E	N	N
Ketones	G	G	N	N	G	N	N	E	N	F
Oxidizing Agents, Strong	F	F	N	N	F	N	G	E	G	F

### Resin Code

<b>HDPE</b>	High-density polyethylene
<b>LDPE</b>	Low-density polyethylene
<b>PC</b>	Polycarbonate
<b>PMMA</b>	Polymethyl methacrylate
<b>PP</b>	Polypropylene
<b>PS</b>	Polystyrene
<b>PSF</b>	Polysulfone
<b>PTFE</b>	Polytetrafluoroethylene
<b>PVDF</b>	Polyvinylidene fluoride
<b>TPX</b>	Polymethylpentene

### Chemical Resistance Classification

**E = Excellent** - 30 days of constant exposure cause no damage. Plastics may for years.

**G = Good** - Little or no damage after 30 days of constant exposure to the reagent.

**F = Fair** - Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loss of strength or discoloration.

**N = Not Recommended** - Not for continuous use. Immediate damage may occur.

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Gilson is the registered Trade Mark of Gilson Instruments.

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