

# PRODUCT CATALOGUE

An ISO 9001 : 2000 Company



**SCIENTIFIC &  
LABORATORY EQUIPMENT**

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### Our Vision

“To develop as a global brand in the field of Lab Equipment”.

## BEAKER, low form, graduated with spout



Cat No.	Capacity ml
11001/1	25
11001/2	50
11001/3	100
11001/4	250
11001/5	400
11001/6	500
11001/7	600
11001/8	1000
11001/9	2000
11001/10	3000
11001/11	5000

## FLASK ROUND BOTTOM, wide neck



Cat No.	Capacity ml
11006/1	50
11006/2	100
11006/3	250
11006/4	500
11006/5	1000
11006/6	2000

Also available in Amber color

## BEAKER, tall form, graduated with spout



Cat No.	Capacity ml
11002/1	50
11002/2	100
11002/3	250
11002/4	500
11002/5	1000

## FLASK FLAT BOTTOM, narrow neck



Cat No.	Capacity ml
11007/1	50
11007/2	100
11007/3	250
11007/4	500
11007/5	1000
11007/6	2000

Also available in Amber color

## FLASK Erlenmeyer, narrow neck



Cat No.	Capacity ml
11003/1	25
11003/2	50
11003/3	100
11003/4	250
11003/5	500
11003/6	1000
11003/7	2000
11003/8	5000

## FLASK FLAT BOTTOM, wide neck



Cat No.	Capacity ml
11008/1	50
11008/2	100
11008/3	250
11008/4	500
11008/5	1000
11008/6	2000

Also available in Amber color

## FLASK Erlenmeyer, wide neck



Cat No.	Capacity ml
11004/1	25
11004/2	50
11004/3	100
11004/4	250
11004/5	500
11004/6	1000
11004/7	2000

## FLASK KJELDAHL, long neck



Cat No.	Capacity ml
11009/1	50
11009/2	100
11009/3	300
11009/4	500
11009/5	800

## FLASK ROUND BOTTOM narrow neck



Cat No.	Capacity ml
11005/1	50
11005/2	100
11005/3	250
11005/4	500
11005/5	1000
11005/6	2000

Also available in Amber color

## FLASK DISTILLATION, with side tube



Cat No.	Capacity ml
11010/1	100
11010/2	250
11010/3	500

**FLASK FILTERATION, Buchner**



Cat No.	Capacity ml
11011/1	100
11011/2	250
11011/3	500
11011/4	1000
11011/5	2000

**FLASK CONICAL, with screw cap & liner**



Cat No.	Capacity ml
11012/1	50
11012/2	100
11012/3	150
11012/4	250
11012/5	500
11012/6	1000
11012/7	2000

**FUNNEL FILTERING, with stem, 60° angle**



Cat No.	Diameter
11013/1	25
11013/2	50
11013/3	75
11013/4	100
11013/5	125
11013/6	150

**FUNNEL POWDER, with B-24 cone**



Cat No.	Dia	Cone Size
11014/1	50	14/23
11014/2	75	24/29
11014/3	100	29/32
11014/4	125	29/32

**SINTERED CRUCIBLE, Gooch type, porosity G-0 or G-1 or G-2 or G-3 or G-4**



Cat No.	Capacity ml
11015/1	15
11015/2	30
11015/3	50

**SINTERED DISC, available in grade 1 or 2 or 3 or 4**



Cat No.	Disc Dia (mm)
11015/11	10 to 32
11015/12	33 to 38
11015/13	39 to 50
11015/14	59 to 60
11015/15	61 to 75
11015/16	76 to 93
11015/17	94 to 120

Grade 0 & 5 also available on request

**FUNNEL BUCHNER, with sintered disc, porosity G-0 or G-1 or G-2 or G-3 or G-4**



Cat No.	Capacity	Dia.
11016/1	35	30
11016/2	80	40
11016/3	100	45
11016/4	200	65
11016/5	500	90
11016/6	1000	120

**MEMBRANE FILTER HOLDER ASSEMBLY, standard joint fitting, membrane dia. 47mm, funnel 300ml**



Cat No.	Flask (ml)
11017/1	1000
11017/2	2000

**MEMBRANE FILTER HOLDER ASSEMBLY, silicon cork fitting, membrane dia. 47mm, funnel 300ml**



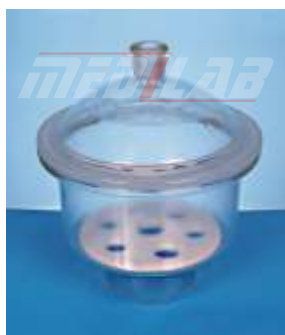
Cat No.	Flask (ml)
11018/1	1000
11018/2	2000

**MEMBRANE FILTER HOLDER ASSEMBLY, Stainless Steel, Membrane dia 47mm**



Cat No.	Flask (ml)
11018/5	1000
11018/6	2000

DESSICATOR, with lid, plain



Cat No.	Dia. mm
11019/1	150
11019/2	210
11019/3	240
11019/4	300

DESSICATOR, vaccum



Cat No.	Dia. mm
11020/1	150
11020/2	210
11020/3	240
11020/4	300

CHROMATOGRAPHIC TANK/DEVELOPING CHAMBER with Lid



Cat No.	Size (mm)
11020/6	140x140x220
11020/7	170x130x210
11020/8	225x125x225
11020/9	250x150x250

PETRI DISHES



Cat No.	OD x Height
11021/1	50 x 17
11021/2	80 x 17
11021/3	100 x 17
11021/4	150 x 20

WEIGHING BOTTLES, with interchangeable stopper, tall form



Cat No.	Cap.	OD x Ht.
11022/1	5	20 x 40
11022/2	15	25 x 60
11022/3	25	30 x 65
11022/4	60	40 x 90

WEIGHING BOTTLES, with interchangeable stopper, squat form



Cat No.	Cap.	OD x Ht.
11023/1	20	40x30
11023/2	20	50x25
11023/3	35	50x35
11023/4	40	60x30
11023/5	50	50x50

SPECIFIC GRAVITY BOTTLE, with PTFE interchangeable stopper, class 'A'



Cat No.	Capacity (ml)
11024/1	25
11024/2	50
11024/3	100

SPECIFIC GRAVITY BOTTLE, with ground in thermometer 0-50°C



Cat No.	Capacity (ml)
11025/1	25
11025/2	50

REAGENT BOTTLE, narrow mouth with interchangeable glass stopper (solid /hollow stopper)



Cat No.	Capacity ml
11026/1	30
11026/2	60
11026/3	125
11026/4	250
11026/5	500
11026/6	1000

Also available in Amber color  
Also available with Plastic stopper

REAGENT BOTTLE, wide mouth with interchangeable hollow glass stopper.



Cat No.	Capacity ml
11027/1	30
11027/2	60
11027/3	125
11027/4	250
11027/5	500
11027/6	1000

Also available in Amber color  
Also available with Plastic stopper



REAGENT BOTTLE, narrow mouth, with screw cap & teflon liner



Cat No.	Capacity ml
11028/1	30
11028/2	60
11028/3	100
11028/4	250
11028/5	500
11028/6	1000

Also available in Amber color

REAGENT BOTTLE, wide mouth, with screw cap & teflon liner



Cat No.	Capacity ml
11029/1	30
11029/2	60
11029/3	100
11029/4	250
11029/5	500
11029/6	1000

Also available in Amber color

REAGENT BOTTLE, wide mouth, with screw cap & pouring ring, DIN Thread GL 45



Cat No.	Capacity ml
11029/11	100
11029/12	250
11029/13	500
11029/14	1000
11029/15	2000
11029/16	5000

BOD BOTTLE, with interchangeable glass stopper



Cat No.	Capacity ml
11030/1	125
11030/2	300

DROPPING BOTTLE, with interchangeable dropper and rubber teat



Cat No.	Capacity ml
11031/1	30
11031/2	60
11031/3	125
11031/4	250

GAS WASHING BOTTLE, Dreshle's type with interchangeable joint



Cat No.	Capacity ml
11032/1	125
11032/2	250
11032/3	500

## STOPCOCKS

PTFE KEY STOPCOCK, straight bore, interchangeable

Cat No.	Size	Bore mm
11033/1	12.5	2.5
11033/2	14.5	4.0
11033/3	18.8	6.0
11033/4	24.0	8.0



PTFE KEY STOPCOCK, 3 way T bore, interchangeable

Cat No.	Size	Bore mm
11034/1	14.5	2.5
11034/2	18.8	4.0



PTFE KEY STOPCOCK, for burette, interchangeable

Cat No.	Size	Bore
11035/1	12.5	1.5 mm
11035/2	14.5	2.5 mm



DETACHABLE PTFE STOPCOCK, for burette

Cat No.	Bore (mm)
11036/1	2.0



# GLASSWARE - Stopcocks

BOROSILICATE 3.3

GLASS KEY STOPCOCK,  
straight bore

Cat No.	Size	Bore mm
11037/1	12	2.0
11037/2	14	3.0
11037/3	19	4.0



GLASS KEY STOPCOCK,  
for Burette

Cat No.	Size	Bore mm
11038/1	12	2.0
11038/2	14	3.0



ROTAFLOW STOPCOCK,  
straight

Cat No.	Bore mm
11039/1	0-2
11039/2	4-6
11039/3	6-9



ROTAFLOW STOPCOCK,  
for Burette

Cat No.	Bore mm
11040/1	2



ROTAFLOW STOPCOCK,  
for Automatic Burette

Cat No.	Bore(mm)
11041/1	2



ROTAFLOW STOPCOCK, right angle



Cat No.	Bore (mm)
11042/1	0-2
11042/2	4-6
11042/3	6-9

HIGH PERFORMANCE ROTAFLOW STOPCOCK,  
with double O-ring, right angle, Red cap



Cat No.	Bore (mm)
11043	2

THEIL'S MELTING POINT TUBE



Cat No.	Bore (mm)
11044/1	18 x 150
11044/2	25x150

MELTING POINT APPARATUS (Junge's)



Cat No.	11045

## INTERCHANGABLE GLASSWARE

### STANDARD JOINTS, Cone, Single



Cat No.	Cone
11101/1	10/19
11101/2	12/21
11101/3	14/23
11101/4	19/26
11101/5	24/29
11101/6	29/32
11101/7	34/35
11101/8	40/38
11101/9	45/40
11101/10	50/42
11101/11	55/44

### STANDARD JOINTS, Socket, Single



Cat No.	Socket
11102/1	10/19
11102/2	12/21
11102/3	14/23
11102/4	19/26
11102/5	24/29
11102/6	29/32
11102/7	34/35
11102/8	40/38
11102/9	45/40
11102/10	50/42
11102/11	55/44

### STANDARD JOINTS, Cone, with tip, single



Cat No.	Cone
11103/1	10/19
11103/2	12/21
11103/3	14/23
11103/4	19/26
11103/5	24/29
11103/6	29/32
11103/7	34/35
11103/8	40/38
11103/9	45/40
11103/10	50/42
11103/11	55/44

### SPHERICAL JOINT-Cup



Cat No.	Joint Size
11104/1	S13
11104/2	S19
11104/3	S29
11104/4	S35
11104/5	S41

### SPHERICAL JOINT-Ball



Cat No.	Joint Size
11105/1	S13
11105/2	S19
11105/3	S29
11105/4	S35
11105/5	S41

### JOINT CLIPS - Metal



Cat No.	Size
11106/1	S13
11106/2	S19
11106/3	S29
11106/4	S35
11106/5	S41

### HOLLOW STOPPER, Hexagonal, flat bottom



Cat No.	Cone
11107/1	10/19
11107/2	12/21
11107/3	14/23
11107/4	19/26
11107/5	24/29
11107/6	29/32
11107/7	34/35

Tip shape bottom also available

### SOLID GLASS STOPPER - flat head



Cat No.	Cone Size
11108/1	10/19
11108/2	14/23
11108/3	19/26
11108/4	24/29
11108/5	29/32
11108/6	34/35

### SOLID GLASS STOPPER - for BOD bottle



Cat No.	Neck Size
11109/1	19/20

### SOLID GLASS STOPPER - penny head



Cat No.	Cone Size
11110/1	10/19
11110/2	14/23
11110/3	19/26
11110/4	24/29
11110/5	29/32
11110/6	34/35



**REDUCTION ADAPTERS**



Cat No.	Socket Size	Cone Size
11111/1	14/23	19/26
11111/2	14/23	24/29
11111/3	14/23	29/32
11111/4	19/26	24/29
11111/5	19/26	29/32
11111/6	19/26	34/35
11111/7	19/26	40/38
11111/8	24/29	29/32
11111/9	24/29	34/35
11111/10	24/29	40/38
11111/11	24/29	45/40
11111/12	29/32	34/35
11111/13	29/32	40/38
11111/14	29/32	45/40
11111/15	34/35	40/38
11111/16	34/35	45/40
11111/17	34/35	50/42

Other joint sizes can also be provided

**EXPANSION ADAPTERS**



Cat No.	Socket Size	Cone Size
11112/1	19/26	14/23
11112/2	24/29	14/23
11112/3	24/29	19/26
11112/4	29/32	14/23
11112/5	29/32	19/26
11112/6	29/32	24/29
11112/7	34/35	19/26
11112/8	34/35	24/29
11112/9	34/35	29/32
11112/10	40/38	24/29

Other joint sizes can also be provided

**MUTIPLE ADAPTERS - two necks, parallel**



Cat No.	Socket Size	Cone Size
11113/1	14/23	14/23
11113/2	14/23	19/26
11113/3	19/26	19/26
11113/4	19/26	24/29
11113/5	24/29	24/29
11113/6	19/26	34/35
11113/7	29/32	29/32

Other joint sizes can also be provided

**MULTIPLE ADAPTERS - two necks, one vertical and one at 45°**



Cat No.	Socket Size	Cone Size
11114/1	19/26	19/26
11114/2	19/26	24/29
11114/3	19/26	34/35
11114/4	29/32	29/32

**MULTIPLE ADAPTERS - three necks, two parallel and one at 45°**



Cat No.	Socket Size	Cone Size
11115/1	19/26	19/26
11115/2	19/26	24/29
11115/3	19/26	34/35
11115/4	24/29	24/29
11115/5	29/32	29/32

**SWAN NECK ADAPTERS**



Cat No.	Socket Size	Cone Size
11116/1	14/23	19/26
11116/2	19/26	19/26
11116/3	19/26	24/29
11116/4	24/29	24/29
11116/5	29/32	29/32

**DELIVERY ADAPTERS, long stem, length 200mm approx.**



Cat No.	Socket Size
11117/1	14/23
11117/2	19/26
11117/3	24/29
11117/4	29/32

Short stem can also be provided

**RECEIVER ADAPTERS, straight**



Cat No.	Cone Size
11118/1	14/23
11118/2	19/26
11118/3	24/29
11118/4	29/32

**RECEIVER ADAPTERS, bend with vent**



Cat No.	Socket Size	Cone Size
11119/1	14/23	14/23
11119/2	19/26	19/26
11119/3	19/26	24/29
11119/4	24/29	24/29
11119/5	29/32	29/32
11119/6	24/29	24/29
11119/7	29/32	29/32

## RECEIVER ADAPTERS, straight, with vacuum connection



Cat No.	Socket Size	Cone Size
11120/1	14/23	14/23
11120/2	14/23	19/26
11120/3	19/26	19/26
11120/4	19/26	24/29
11120/5	24/29	24/29
11120/6	24/29	29/32
11120/7	29/32	29/32

## RECEIVER ADAPTERS, bend with vacuum connection



Cat No.	Socket Size	Cone Size
11121/1	14/23	14/23
11121/2	14/23	19/26
11121/3	19/26	19/26
11121/4	19/26	24/29
11121/5	24/29	24/29
11121/6	24/29	29/32
11121/7	29/32	29/32

## RECEIVER ADAPTERS, inclined at an angle 105°.



Cat No.	Socket Size	Cone Size
11122/1	14/23	14/23
11122/2	19/26	19/26
11122/3	19/26	24/29
11122/4	24/29	24/29
11122/5	29/32	29/32

## RECEIVER ADAPTERS, multiple



Cat No.	Socket Size	Cone Size
11123/1	14/23	14/23
11123/2	14/23	19/26
11123/3	19/26	19/26

## RECEIVER ADAPTERS - plain bend



Cat No.	Socket Size	Cone Size
11124/1	19/26	19/26
11124/2	19/26	24/29
11124/3	24/29	24/29
11124/4	29/32	29/32

## RECOVERY BEND, sloping.



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11125/1	24/29	14/23
11125/2	19/26	19/26
11125/3	24/29	19/26
11125/4	29/32	19/26
11125/5	24/29	24/29
11125/6	34/35	24/29
11125/7	34/35	34/35

## RECEIVER BEND, vertical

Cat No.	Cone size to fit flask	Cone Size to fit condenser
11126/1	14/23	14/23
11126/2	19/26	19/26
11126/3	24/29	24/29
11126/4	29/32	29/32



## STILL HEAD, plain with thermometer socket (socket size 14/23)



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11127/1	14/23	14/23
11127/2	19/26	19/26
11127/3	24/29	19/26
11127/4	29/32	19/26
11127/5	34/35	19/26
11127/6	24/29	24/29
11127/7	34/35	24/29
11127/8	34/35	29/32

## CLAISEN HEADS, sloping with 2xB14 socket (socket size 14/23)



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11128/1	14/23	19/26
11128/2	19/26	19/26
11128/3	24/29	19/26
11128/4	34/35	24/29

## SPLASH HEADS, pear shape vertical

Cat No.	Cone size to fit flask	Cone Size to fit condenser
11129/1	14/23	14/23
11129/2	19/26	19/26
11129/3	24/29	19/26
11129/4	24/29	24/29
11129/5	29/32	29/32



**SPLASH HEADS, vertical**



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11130/1	14/23	14/23
11130/2	19/26	24/29
11130/3	29/32	29/32

**SPLASH HEADS, pear shape sloping**



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11131/1	14/23	14/23
11131/2	19/26	19/26
11131/3	24/29	19/26
11131/4	24/29	24/29
11131/5	29/32	29/32

**STEAM DISTILLATION HEADS, Sloping**



Cat No.	Cone size to fit flask	Cone Size to fit condenser
11132/1	24/29	19/26
11132/2	34/35	19/26
11132/3	34/35	24/29

**ADAPTER CONE TO RUBBER TUBING, right angle connection, with glass stopcock**



Cat No.	Cone Size
11133/1	14/23
11133/2	19/26
11133/3	24/29
11133/4	29/32

Can also be offered with PTFE key stopcock

**ADAPTER CONE TO RUBBER TUBING, right angle connection**



Cat No.	Cone Size
11134/1	14/23
11134/2	19/26
11134/3	24/29
11134/4	29/32

**ADAPTER CONE WITH STEM TO RUBBER TUBING, right angle connection**



Cat No.	Cone Size
11135/1	14/23
11135/2	19/26
11135/3	24/29
11135/4	29/32

**ADAPTER SOCKET TO RUBBER TUBING, straight connection**



Cat No.	Socket Size
11136/1	14/23
11136/2	19/26
11136/3	24/29
11136/4	29/32

**ADAPTER SOCKET TO CONE, with tee connection**



Cat No.	Socket Size	Cone Size
11137/1	14/23	19/26
11137/2	14/23	24/29
11137/3	19/26	19/26
11137/4	19/26	24/29
11137/5	24/29	24/29
11137/6	24/29	29/32
11137/7	29/32	29/32

**U TUBE, with two sockets**



Cat No.	Socket Size
11138/1	14/23
11138/2	19/26

**DRYING TUBE**



Cat No.	Cone Size
11139/1	14/23
11139/2	19/26
11139/3	24/29
11139/4	29/32

THERMOMETER POCKET, with stem length 45mm approx.



Cat No.	Cone Size
11140/1	14/23
11140/2	19/26

AIR LEAK TUBE



Cat No.	Socket Size
11141/1	14/23
11141/2	19/26
11141/3	24/29
11141/4	29/32

SIMPLE GLANDS, with cap, to fit dia 6mm shaft



Cat No.	Cone size
11142/1	14/23
11142/2	19/26
11142/3	24/29
11142/4	29/32

## JOINTED FLASKS

FLASK, round bottom / flat bottom, single neck



Cat No.	Capacity ml	Socket size
11143/1	50	14/23
11143/2	50	19/26
11143/3	50	24/29
11143/4	100	14/23
11143/5	100	19/26
11143/6	100	24/29
11143/7	250	24/29
11143/8	250	29/32
11143/9	250	34/35
11143/10	500	24/29
11143/11	500	29/32
11143/12	500	34/35
11143/13	1000	24/29
11143/14	1000	29/32
11143/15	1000	34/35
11143/16	2000	29/32
11143/17	2000	34/35

Other socket sizes can also be provided

FLASK, round bottom, two neck, angled



Cat No.	Capacity ml	Socket size
11144/1	100	24/29
11144/2	100	24/29
11144/3	250	24/29
11144/4	250	24/29
11144/5	500	24/29
11144/6	500	24/29
11144/7	1000	24/29
11144/8	1000	24/29
11144/9	2000	34/35

Other socket sizes can also be provided

FLASK, round bottom, three neck, angled



Cat No.	Capacity ml	Socket size
11145/1	100	24/29
11145/2	250	19/26
11145/3	250	24/29
11145/4	500	24/29
11145/5	500	29/32
11145/6	1000	24/29
11145/7	1000	29/32
11145/8	2000	34/35

Other socket sizes can also be provided

FLASK, round bottom, three neck, parallel



Cat No.	Capacity ml	Socket size
11146/1	250	24/29
11146/2	250	29/32
11146/3	500	24/29
11146/4	500	29/32
11146/5	1000	29/32
11146/6	1000	29/32
11146/7	2000	34/35

Other socket sizes can also be provided

FLASK, pear shape, single neck



Cat No.	Capacity ml	Socket size
11147/1	25	14/23
11147/2	50	14/23
11147/3	100	14/23

FLASK, pear shape, two neck



Cat No.	Capacity ml	Socket size
11148/1	50	14/23
11148/2	100	14/23



## FLASK EVAPORATING



Cat No.	Capacity ml	Socket size
11149/1	100	24/29
11149/2	250	29/32
11149/3	500	29/32
11149/4	1000	29/32

## FLASK, KJELDHAL, with socket



Cat No.	Capacity ml	Socket size
11150/1	300	24/29
11150/2	500	24/29
11150/3	800	24/29

## FLASK, Erlenmeyer, with socket



Cat No.	Capacity ml	Socket size
11151/1	50	19/26
11151/2	100	19/26
11151/3	100	29/32
11151/4	250	24/29
11151/5	250	29/32
11151/6	500	24/29
11151/7	500	29/32
11151/8	500	34/35
11151/9	1000	29/32
11151/10	1000	34/35
11151/11	2000	29/32
11151/12	2000	34/35

Other socket sizes can also be provided

## FLASK, IODINE



Cat No.	Capacity ml	Socket size
11152/1	250	24/29
11152/2	500	24/29

## TUBES

### TUBES CULTURE MEDIA, with screw cap and liner, round bottom



Cat No.	Capacity ml	OD X Length
11200/1	5	16 x 75
11200/2	10	16 x 125
11200/3	15	16 x 150
11200/4	25	18 x 150
11200/5	30	25 x 100
11200/6	60	25 x 200

### TUBES CULTURE MEDIA, with screw cap and liner, flat bottom



Cat No.	Capacity ml	OD X Length
11201/1	5	16 x 50
11201/2	10	18 x 45
11201/3	15	25 x 57
11201/4	30	25 x 57
11201/5	45	25 x 145
11201/6	60	25 x 200

### CENTRIFUGE TUBE, conical bottom, graduated



Cat No.	Capacity ml	Hight x OD
11202/1	5	100 X 13
11202/2	10	110 X 15
11202/3	15	120 X 17
11202/4	25	125 X 22
11202/5	50	125 X 28

It can also be offered without graduation

### CENTRIFUGE TUBE, round bottom, graduated



Cat No.	Capacity ml	Hight x OD
11203/1	12	16x110
11203/2	30	24x110
11203/3	40	28x110
11203/4	50	30x110
11203/5	100	45x110
11203/6	200	55x116

### TEST TUBE, stoppered with interchangeable stopper, graduated.



Cat No.	Capacity ml	Hight x OD
11204/1	5	100 X 12
11204/2	10	125 X 16
11204/3	25	150 X 22
11204/4	50	200 X 25

It can also be offered without graduation

### TEST TUBES, round or flat bottom, rimmed or rimless, plain (Borosilcate Glass 3.3, autoclavable)



Cat No.	Capacity ml	ODxLength	Wall thickness
11205/1	3	10 x 75	1.0
11205/2	5	12 x 75	1.0
11205/3	8	12 x 100	1.0
11205/4	10	15 x 125	1.2
11205/5	25	18 x 150	1.2
11205/6	50	25 x 150	1.2
11205/7	75	25 x 200	1.2

It can also be offered with graduation

TEST TUBE, neutral hard glass.



Cat No.	ODxLength	Wall thickness
11206/1	10 x 75	0.9
11206/2	12 x 75	1.0
11206/3	12 x 100	1.0
11206/4	15 x 125	1.0
11206/5	18 x 150	1.0
11206/6	25 x 150	1.0

**VOLUMETRIC GLASSWARE**

Volumetric Glassware Items of Class 'A' are offered with calibration Certificate. However individual work certificate can be provided at extra cost.

BURETTE RODS, without stopcock



Cat No.	Cap ml.	Sub Div. ml
11251	10	0.05
11251	25	0.10
11251	50	0.10
11251	100	0.20

BURETTE with straight bore glass key stopcock, class 'AS' DIN 12700



Cat No.	Cap ml.	Sub Div. ml
11252/1	10	0.05
11252/2	25	0.10
11252/3	50	0.10
11252/4	100	0.20
Class 'B'		
Cat No.	Cap ml.	Sub Div. ml
11252/5	10	0.05
11252/6	25	0.10
11252/7	50	0.10
11252/8	100	0.20

BURETTE with screw type rotaflow stopcock, class 'AS' DIN 12700



Cat No.	Cap ml.	Sub Div. ml
11253/1	10	0.05
11253/2	25	0.10
11253/3	50	0.10
11253/4	100	0.20
Class 'B'		
Cat No.	Cap ml.	Sub Div. ml
11253/5	10	0.05
11253/6	25	0.10
11253/7	50	0.10
11253/8	100	0.20

BURETTE with straight bore PTFE key stopcock, class 'AS' DIN 12700



Cat No.	Cap ml.	Sub Div. ml
11254/1	10	0.05
11254/2	25	0.10
11254/3	50	0.10
11254/4	100	0.20
Class 'B'		
Cat No.	Cap ml.	Sub Div. ml
11254/5	10	0.05
11254/6	25	0.10
11254/7	50	0.10
11254/8	100	0.20

BURETTE with straight bore PTFE key stopcock, 'Shellbach' class 'AS' DIN 12700



Cat No.	Cap ml.	Sub Div. ml
11255/1	10	0.05
11255/2	25	0.10
11255/3	50	0.10
11255/4	100	0.20
Class 'B'		
Cat No.	Cap ml.	Sub Div. ml
11255/5	10	0.05
11255/6	25	0.10
11255/7	50	0.10
11255/8	100	0.20

BURETTE AUTOMATIC ZERO, mounted on reservoir with straight bore PTFE key stopcock & rubber bellow. Class 'AS', DIN 12700



Cat No.	Cap ml.	Sub Div. ml
11256/1	10	0.05
11256/2	25	0.10
11256/3	50	0.10
11256/4	100	0.20
Class 'B'		
Cat No.	Cap ml.	Sub Div. ml
11256/5	10	0.05
11256/6	25	0.10
11256/7	50	0.10
11256/8	100	0.20

PIPETTE volumetric, with one mark, Color coded, Class 'AS', DIN 12691



Cat No.	Class 'A' Cap ml.	Cat No.	Class 'B' Cap ml.
11257/1	1	11257/9	1
11257/2	2	11257/10	2
11257/3	5	11257/11	5
11257/4	10	11257/12	10
11257/5	20	11257/13	20
11257/6	25	11257/14	25
11257/7	50	11257/15	50
11257/8	100	11257/16	100

PIPETTES graduated, for partial outflow, Mohr type, Color coded, class 'AS', DIN 12697



Cat No.	Class 'A' Cap ml.	Cat No.	Class 'B' Cap ml.
11258/1	0.1	11258/9	0.1
11258/2	0.2	11258/10	0.2
11258/3	0.5	11258/11	0.5
11258/4	1.0	11258/12	1.0
11258/5	2.0	11258/13	2.0
11258/6	5.0	11258/14	5.0
11258/7	10.0	11258/15	10.0
11258/8	25.0	11258/16	25.0

PIPETTES graduated, for complete delivery, Serological type, Color coded, class 'A', DIN 12696

Cat No.	Class 'A' Cap ml.	Cat No.	Class 'B' Cap ml.
11259/1	0.1	11259/9	0.1
11259/2	0.2	11259/10	0.2
11259/3	0.5	11259/11	0.5
11259/4	1.0	11259/12	1.0
11259/5	2.0	11259/13	2.0
11259/6	5.0	11259/14	5.0
11259/7	10.0	11259/15	10.0
11259/8	25.0	11259/16	25.0

# GLASSWARE - Volumetric

BOROSILICATE 3.3

VOLUMETRIC FLASK with Polyethylene stopper, class 'A', DIN 12664



Cat No.	Class 'A'	Cap ml.	Cat No.	Class 'B'	Cap ml.
11260/1	10		11260/10	10	
11260/2	25		11260/11	25	
11260/3	50		11260/12	50	
11260/4	100		11260/13	100	
11260/5	200		11260/14	200	
11260/6	250		11260/15	250	
11260/7	500		11260/16	500	
11260/8	1000		11260/17	1000	
11260/9	2000		11260/18	2000	

MEASURING CYLINDER with plastic base and protection ring, Class 'B'



Cat No.	Cap ml.
11261/1	10
11261/2	25
11261/3	50
11261/4	100
11261/5	250

MEASURING CYLINDER with spout & round base, Class 'A' DIN 12680



Cat No.	Class 'A'	Cap ml.	Cat No.	Class 'B'	Cap ml.
11262/1	10		11262/10	10	
11262/2	25		11262/11	25	
11262/3	50		11262/12	50	
11262/4	100		11262/13	100	
11262/5	200		11262/14	200	
11262/6	250		11262/15	250	
11262/7	500		11262/16	500	
11262/8	1000		11262/17	1000	
11262/9	2000		11262/18	2000	

MEASURING CYLINDER round base, with interchangeable, Polyethylene stopper, Class 'A' DIN 12680



Cat No.	Class 'A'	Cap ml.	Cat No.	Class 'B'	Cap ml.
11263/1	10		11263/10	10	
11263/2	25		11263/11	25	
11263/3	50		11263/12	50	
11263/4	100		11263/13	100	
11263/5	200		11263/14	200	
11263/6	250		11263/15	250	
11263/7	500		11263/16	500	
11263/8	1000		11263/17	1000	
11263/9	2000		11263/18	2000	

MEASURING CYLINDER with spout & hexagonal base, class 'A' DIN 12680



Cat No.	Class 'A'	Cap ml.	Cat No.	Class 'B'	Cap ml.
11264/1	10		11264/10	10	
11264/2	25		11264/11	25	
11264/3	50		11264/12	50	
11264/4	100		11264/13	100	
11264/5	200		11264/14	200	
11264/6	250		11264/15	250	
11264/7	500		11264/16	500	
11264/8	1000		11264/17	1000	
11264/9	2000		11264/18	2000	

Nessler Cylinder Class 'A'



Cat No.	Cap ml.
11265/1	50
11265/2	100

Class 'B'	Cat No.	Cap ml.
	11265/3	50
	11265/4	100

NOTE: Volumetric Glassware items of Class 'A' are offered without Calibration Certificate.

## AMBER COLOR GLASSWARE

Glassware items listed above can be offered in Amber color as well. Some of the pictures of Amber color glassware are shown below.





## SEPARATING FUNNELS

SEPARATING FUNNEL with glass stopcock & Polyethylene stopper, Conical/Squibb shape.



Cat No.	Capacity ml
11300/1	50
11300/2	100
11300/3	250
11300/4	500
11300/5	1000
11300/6	2000

Graduated separating funnel can also be offered.

SEPARATING FUNNEL with screw type Rotaflow stopcock & Polyethylene/hollow glass stopper, Conical/Squibb shape.



Cat No.	Capacity ml
11301/1	50
11301/2	100
11301/3	250
11301/4	500
11301/5	1000
11301/6	2000

Graduated separating funnel can also be offered.

SEPARATING FUNNEL with PTFE key stopcock & Polyethylene stopper, Conical/Squibb shape.



Cat No.	Capacity ml
11302/1	50
11302/2	100
11302/3	250
11302/4	500
11302/5	1000
11302/6	2000

Graduated separating funnel can also be offered.

SEPARATING FUNNEL with glass stopcock & Polyethylene stopper, Globe/Pear shape.



Cat No.	Capacity ml
11303/1	50
11303/2	100
11303/3	250
11303/4	500
11303/5	1000
11303/6	2000

SEPARATING FUNNEL with screw type Rotaflow stopcock & Polyethylene stopper, Globe/Pear shape.



Cat No.	Capacity ml
11304/1	50
11304/2	100
11304/3	250
11304/4	500
11304/5	1000
11304/6	2000

SEPARATING FUNNEL with PTFE key stopcock & Polyethylene stopper, Globe/Pear shape.



Cat No.	Capacity ml
11305/1	50
11305/2	100
11305/3	250
11305/4	500
11305/5	1000
11305/6	2000

DROPPING FUNNEL, Cylindrical, with Polyethylene stopper & glass stopcock



Cat No.	Capacity ml
11306/1	50
11306/2	100
11306/3	250
11306/4	500
11306/5	1000

Graduated Dropping funnel can also be offered.

DROPPING FUNNEL, Cylindrical, with Rotaflow stopcock & Polyethylene stopper



Cat No.	Capacity ml
11307/1	50
11307/2	100
11307/3	250
11307/4	500
11307/5	1000

Graduated Dropping funnel can also be offered.

DROPPING FUNNEL, Cylindrical with PTFE key stopcock & Polyethylene stopper



Cat No.	Capacity ml
11308/1	50
11308/2	100
11308/3	250
11308/4	500
11308/5	1000

Graduated Dropping funnel can also be offered.



## CONDENSERS AND ASSEMBLIES

### AIR CONDENSER



Cat No.	Effective Length	Socket size	Cone size
11350/1	200	19/26	19/26
11350/2	400	19/26	19/26
11350/3	500	34/35	34/35
11350/4	750	-	24/29
11350/5	1000	-	24/29

Other joint sizes can also be offered

### LIEBIG CONDENSER, with joints



Cat No.	Effective Length	Socket size	Cone size
11351/1	200	19/26	19/26
11351/2	300	19/26	19/26
11351/3	400	24/29	24/29
11351/4	500	29/32	29/32
11351/5	600	29/32	29/32

Other joint sizes can also be offered

### COIL CONDENSER, Graham



Cat No.	Effective Length	Socket size	Cone size
11352/1	200	24/29	24/29
11352/2	300	19/26	19/26
11352/3	400	24/29	24/29
11352/4	500	29/32	29/32
11352/5	600	34/35	34/35

Other joint sizes can also be offered

### SOXHLET EXRTACTION APPARATUS, with Allihn condenser



Cat No.	Effective Length	Socket size	Cone size
11354/1	100	40/38	24/29
11354/2	200	50/42	24/29
11354/3	400	50/42	24/29
11354/4	600	50/42	24/29
11354/5	1000	60/46	34/35

Other joint sizes can also be offered

### EXTRACTOR, spare

Cat No.	Capacity	Socket	Cone
11355/1	100ml	40/38	24/29
11355/2	200ml	50/42	24/29
11355/3	400ml	50/42	24/29
11355/4	600ml	50/42	24/29
11355/5	1000ml	60/46	34/35

### ALLIHN / BULB CONDENSER



Cat No.	Effective Length	Socket size	Cone size
11353/1	200	19/26	19/29
11353/2	300	24/29	24/29
11353/3	400	29/32	29/32
11353/4	500	24/29	24/29
11353/5	600	34/35	34/35

Other joint sizes can also be offered

### ALLIHN / BULB CONDENSER, spare for Soxhlet apparatus



Cat No.	Extractor cap	Cone
11356/1	100 ml	40/38
11356/2	200 ml	50/42
11356/3	400 ml	50/42
11356/4	600 ml	50/42
11356/5	1000 ml	60/46

### SOXHLET EXRTACTION APPARATUS, with Dimroth condenser



Cat No.	Extractor Cap ml.	Extractor Socket	Extractor Cone
11357/1	150	45/40	29/32
11357/2	250	45/40	29/32
11357/3	500	60/46	29/32

### DIMROTH CONDENSER, spare for Soxhlet apparatus

Cat No.	Extractor cap ml.	Extractor cone
11358/1	150	29/32
11358/2	250	29/32
11358/3	500	29/32

## DISTILLATION ASSEMBLIES

### DISTILLATION ASSEMBLY, consisting of round bottom flask, recovery bend, liebig condenser and receiver adapter

Cat. No.	Flask Capacity ml.	Condenser Effective length mm
11359/1	500	300
11359/2	1000	350
11359/3	2000	400



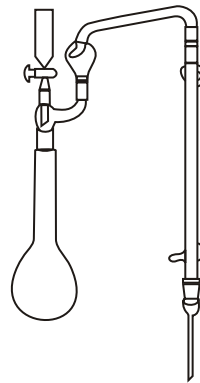
## DISTILLATION APPARATUS



consisting of 500ml flask, grahm condenser 200mm and stopper.

Cat. No. 11360/1

## KJELDHAL DISTILLATION ASSEMBLY



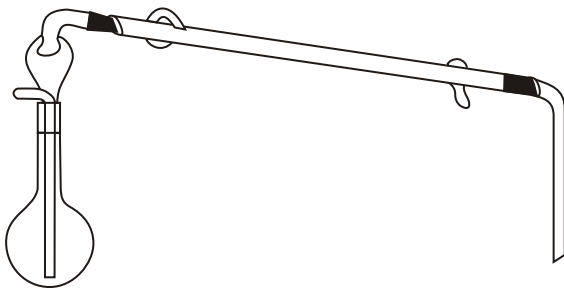
consisting of R.B. kjeldhal flask 500ml, multiple adapter two necks, splash head vertical, leibig condenser, receiver adapter and dropping funnel 100ml

Cat. No. 11364

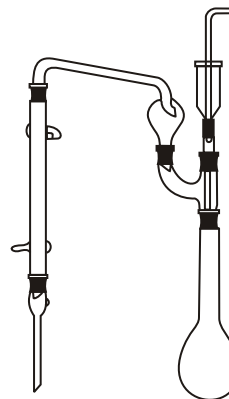
## STEAM DISTILLATION ASSEMBLY

consists of flask R.B. 500ml, steam distillation head, leibig condenser 350mm and receiver adapter

Cat. No. 11361



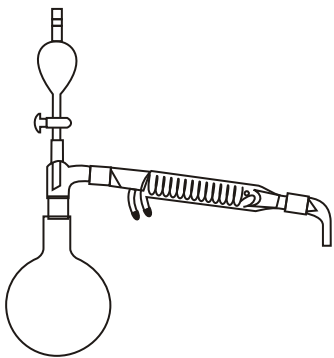
## MACRO KJELDHAL DISTILLATION ASSEMBLY



consisting of kjeldhal flask 500ml, multiple adapter, splash head vertical, dropping funnel with-plug, leibig condenser and delivery adapter

Cat. No. 11365

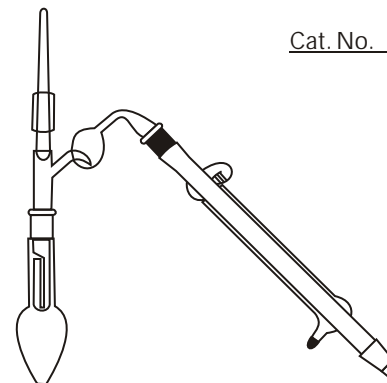
## RECOVERY ASSEMBLY



consisting of flask R.B. 2000ml, still head, jacketed coil condenser 150mm, receiver adapter and dropping funnel 100ml with stopper

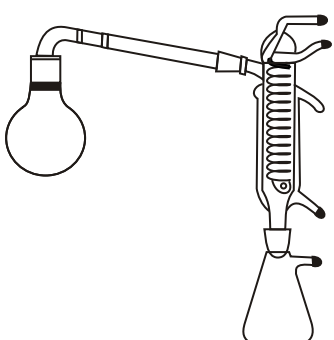
Cat. No. 11362

## MICRO ACETYL GROUP DETERMINATION APPARATUS (Wiesen Berger)



Cat. No. 11366

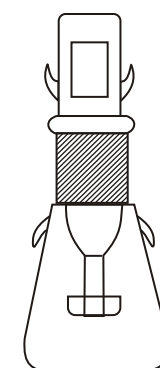
## SOLVENT RECOVERY ASSEMBLY



consisting of R.B. flask 500ml, recovery bend sloping, air condenser 200mm, ether condenser and buchner flask 250ml.

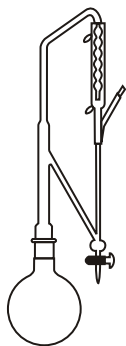
Cat. No. 11363

## CAVETT BLOOD TEST APPARATUS



Cat. No. 11367

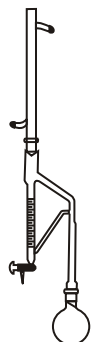
## ESSENTIAL OIL DETERMINATION APPARATUS

ESSENTIAL OIL DETERMINATION APPARATUS,  
Clevenger Type

vertical tube combined with condenser and measuring tube with stopcock. A return tube for the aqueous part of the distillate connects the bottom of the measuring tube and the vertical tube.

Cat. No.	Capacity
11368/1	1000ml
11368/2	2000ml
11368/3	3000ml
11368/4	5000ml
11368/5	10000ml

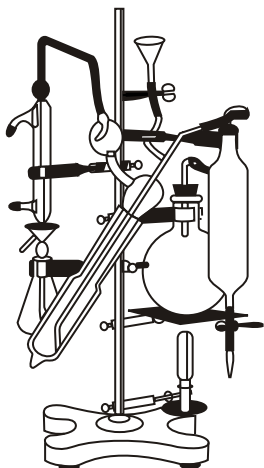
## CLEVANGER APPARATUS



for determinatin of volatile oil lighter than water. Comprising of 1000ml flask, oil separatory tube and condenser.

Cat. No.	11369
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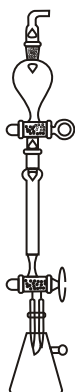
## NITROGEN DETERMINATION APPARATUS

MICRO KJELDHAL NITROGEN DISTILLATION  
APPARATUS (Pregal's)

comprising of steam generation flask steam trap, vacuum jacketed flask with funnel, condenser tube of silver and receiving flask, complete with stand, clamp etc.

Cat. No.	11370
11370/1	with 1000ml steam generating flask
11370/2	with 2000ml steam generating flask
11370/3	with glass tube condenser and 1000ml steam generating flask
11370/4	with glass tube condenser and 2000ml steam generating flask

## CHROMATOGRAPHY APPARATUS SEMI MICRO



consisting of funnel reservoir 50ml Capacity with B-14 cone and socket, column tube with stopcock 12mm dia, 10cm effective length with B-14 socket, B-19 cone and fused sintered disc. Filtration flask 100ml with B-19 socket and tamping rod 40cm long.

Cat. No.	11371
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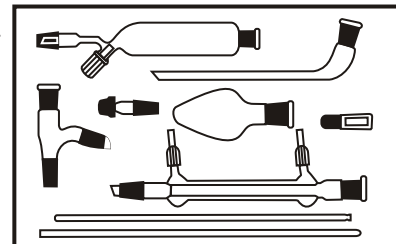
## ORGANIC CHEMISTRY SET

## SET 27 BU/M ORGANIC CHEMISTRY KIT

This set contains 9 glassware components with 14/23 joint size. Packed in die cut foam lined box.

Consists of:

- 1 Flask, pear shaped, 50 ml.
- 1 Still head
- 1 Liebig condenser
- 1 Screwcap adapter
- 1 Receiver adapter
- 1 Air leak / steam inlet
- 1 Dropping funnel 50 ml. with GP rotatflow tap
- 1 Stopper
- 1 Thermometer



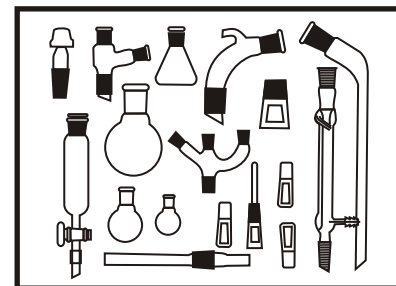
Cat. No.	11381
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## SET 34 BU ORGANIC CHEMISTRY KIT

This set contains 16 glassware components housed in diecut foam lined box. Joint sizes are 19/26 unless specified.

Consists of:

- 1 Still head, socket size 14/23
- 1 Receiver adapter, cone size 24/29
- 1 Air leak / steam inlet
- 1 Liebig condenser
- 1 Dropping funnel, 100 ml.
- 1 Reduction adapter, cone size 24/29
- 1 Multiple adapter, cone size 24/29
- 1 Flask, round bottom, 50 ml, socket size 24/29
- 1 Flask, erlenmeyer, 250 ml, socket size 24/29
- 1 Flask, round bottom, 250 ml, socket size 24/29
- 2 Stopper
- 1 Thermometer packet, cone size 14/23
- 1 Receiver adapter
- 1 Flask, round bottom, 100 ml, socket size 24/29
- 1 Stoppers, cone size 24/29

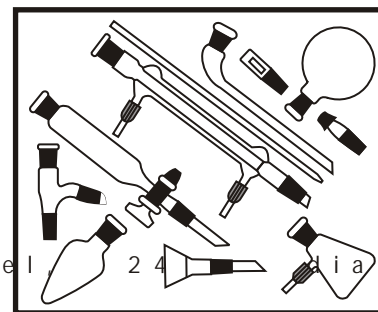


## SET 46 BU ORGANIC CHEMISTRY KIT

This set contains 11 glassware components of 19/26 ground joint. Housed in die cut foam lined box.

Consists of :

- 1 Dropping funnel, 100 ml.
- 1 Air leak / steam inlet tube
- 1 Liebig condenser
- 1 Receiver adapter
- 1 Stopper
- 1 Flask, round bottom, 250 ml.
- 1 Cone / screwcap adapter
- 1 Still head
- 1 Flask, pear shaped 100 ml.
- 1 Filter funnel with 24 dia perforated plate
- 1 Flask, buchner, 100 ml.



Cat. No.	11383
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Enquiries for the items not listed in this catalogue are welcome.

EQUIPMENT

ROTARY VACUUM FILM EVAPORATOR, 'UNIVERSAL DIAGONAL'



a complete working unit consists of single face non sparking geared drive unit 220V, support stand fitted with jack arrangement on stainless steel rod for positioning glass assembly, a variable speed regulator, thermostatically controlled stainless steel water bath fitted on a special rack & pinion jack system. Double coiled glass condenser with 3 opening for vacuum and cooling. Clear shaped evaporating glass capacity 800ml., receiver flask capacity 1 ltr. with a ball joint, feeding tube with Teflon pipe extension and vapour path tube.

Cat. No. 11400

ROTARY VACUUM FILM EVAPORATOR, 'DIGITAL DIAGONAL'



with specially designed quick action jack, provided with a lock. The jack is fitted on the base. Non sparking geared unit is provided with speed control unit. In used the material being distilled comes into contact with glass or PTFE only, to avoid contamination or corrosion. A feed tube permits continuous material addition to the rotation flask. 316 grade stainless steel bath is provided with a micro processor based PID controller. Water bath is fitted with specially designed constant level assembly, which enable the water addition at the time of operation.

Cat. No. 11401

ROTARY VACUUM FILM EVAPORATOR, 'DIGITAL VERTICAL'



the mechanism is similar to the above (Digital Diagonal) but provided with a vertical type condenser. This enables long cooling surface, which provides efficient short time, condensation of solute and also requires less bench space.

Cat. No. 11402

ROTARY VACUUM FILM EVAPORATOR, 'DIGITAL COLD TRAP'



this model is similar to the above (Digital Vertical) but provided with cold trap type condenser, which incorporate cooling with solid bodies such as dry ice etc. This arrangement is very useful for freeze-drying application and concentration of very volatile solutions.

Cat. No. 11403

CHILLER

refrigerator circulator has built in circulating pump and water tank of rust proof stainless steel. The built in pump has a flow rate of 2.5 meters and internal tank capacity 10 ltrs. The temperature is controlled by a digital temperature indicator cum controller

Cat. No. 11404



ASPIRATOR WATER



it has built in circulating pump and water tank of rust proof stainless steel. It eliminates water waste and produces pulse less vacuum upto 600mm and above. It is ready to use product for creating vacuum provided with gauge.

Cat. No. 11405

VACUUM PUMP, Oil sealed, air cooled, V-belt driven and mounted on base plate with belt guard, motor 220V AC.



Single Stage		
Cat. No.	Displacement Ltr./min	Motor (HP)
11406/1	32	0.25
11406/2	50	0.25
11406/3	75	0.50
11406/4	100	0.50

Double Stage		
Cat. No.	Displacement Ltr./min	Motor (HP)
11406/5	32	0.25
11406/6	50	0.25
11406/7	75	0.50
11406/8	100	0.50

PORTABLE VACUUM PUMP Cum Air Compressor, Diaphragm Type, Oil free, light weight

Cat. No.	Max. Flow Ltr./min	Max Vacuum (Hg.)
11407/1	15	22"
11407/2	15	27"
11407/3	45	22"
11407/4	45	27"





**BEAKERS**

The Beakers have excellent clarity and very good chemical resistance. These autoclavable Beakers have prominently raised graduations on the outer surface. Pouring a solution becomes very convenient because of its tapered spout.

Material : Polypropylene



Cat. No.	Capacity
12001/1	50 ml.
12001/2	100 ml.
12001/3	250 ml.
12001/4	500 ml.
12001/5	1000 ml.
12001/6	2000 ml.

**BEAKERS (EURO DESIGN)**

Material : Polypropylene



Cat. No.	Capacity
12002/1	25 ml.
12002/2	50 ml.
12002/3	100 ml.
12002/4	250 ml.
12002/5	500 ml.
12002/6	1000 ml.
12002/7	2000 ml.
12002/8	5000 ml.

Material : TPX

Cat. No.	Capacity
12002/2a	50 ml.
12002/3a	100 ml.
12002/4a	250 ml.
12002/5a	500 ml.
12002/6a	1000 ml.

**BURETTE**

This Burette has a transparent acrylic body and a leakproof stopcock made fitted with a self lubricating PTFE plug. Each Burette is individually calibrated to give maximum accuracy. Acrylic body is unaffected by dilute mineral acids & bases except Hydrofloric Acid & Ammonium Hydroxide. The pH range of 1-14 is ideal and can be used up to 5% wt/wt of acids or 30% bases.

Material : Polymethyl Methacrylate/TPX



Cat. No.	Capacity
12003/1	25 ml.
12003/2	50 ml.
12003/3	100 ml.

**PIPETTE PUMP**

A fast release pipetting device for precise pipetting & zip quick emptying. The Knurled thumbwheel can be rotated to draw up or dispense liquids while the releaser may be pushed in for zip-quick emptying. The moulded chuck has a silicon rubber collet inside to hold various pipettes of standard sizes. It resists acids & alkalis and can be easily disassembled for thorough cleaning.

Material : Acrylonitrile Butadiene Styrene



Cat. No.	Capacity
12004/1	2 ml.
12004/2	10 ml.
12004/3	25 ml.

**DROPPING BOTTLES**

Blown in Low Density Polyethylene, Dropping Bottles dispense small uniform drops of liquids when pressed lightly.

Material: Polypropylene



Cat. No.	Capacity
12005/1	60 ml.
12005/2	125 ml.

**REAGENT BOTTLES (NARROW MOUTH)**

The PP bottles are rigid, translucent and have excellent contact clarity. These bottles can be autoclaved filled as well as empty. The Polypropylene Cap has a built in seal ring to make these bottles leakproof.

Material: Polypropylene



Cat. No.	Capacity
12006/1	60 ml.
12006/2	125 ml.
12006/3	250 ml.
12006/4	500 ml.
12006/5	1000 ml.

**REAGENT BOTTLES (WIDE MOUTH)**

The PP bottles are rigid, translucent and have excellent contact clarity. These bottles can be autoclaved filled as well as empty. The Polypropylene Cap has a built in seal ring to make these bottles leakproof.

Material: Polypropylene



Cat. No.	Capacity
12007/1	60 ml.
12007/2	125 ml.
12007/3	250 ml.
12007/4	500 ml.
12007/5	1000 ml.

**NARROW MOUTH BOTTLE**

This autoclavable bottle, made of polypropylene, can be used for storing & transferring chemicals and other reagents safe & sound.

Material : Polypropylene.



Cat. No.	Capacity
12008/1	4000 ml.

**WIDE MOUTH SQUARE BOTTLE**

This autoclavable bottle can be used for storing & shipping chemicals & reagents. Being wide mouthed, it is always convenient to pour in & take out the reagents. The built in depressions on two sides provide excellent grip while holding this bottle.

Material : Polypropylene



Cat. No.	Capacity
12009/1	4000 ml.

**HEAVY DUTY VACCUUM BOTTLE**

This autoclavable bottle has thick walls, is rugged & can be used for repeated applications of vacuum.

Material : Polypropylene



Cat. No.	Capacity
12010/1	2000 ml.

**CARBOY**

These carboys are much lighter than glass. These autoclavable, dependable & durable Carboys are provided with wide handles making it convenient while carrying or pouring purposes.

Material : Polypropylene



Cat. No.	Capacity
12011/1	10 Ltrs.
12011/2	20 Ltrs.

**CARBOY WITH STOP COCK**

These polypropylene Carboys are autoclavable, dependable & durable. These are also equipped with a leak proof spigot screwed to the body. These carboys are an excellent replacement for glass carboys and are used for storing & dispensing distilled water & other laboratory solutions.

Material : Polypropylene



Cat. No.	Capacity
12012/1	10 Ltrs.
12012/2	20 Ltrs.

**ASPIRATOR BOTTLES**

These bottles are much lighter than glass. These are autoclavable, durable & dependable. The leakproof spigot screwed to the bottle body requires only a half turn to open or close. These bottles are used for storing or dispensing distilled water & other laboratory solutions. Threads should be totally disengaged before autoclaving.

Material : Polypropylene



Cat. No.	Capacity
12013/1	5 Ltr.
12013/2	10 Ltr.
12013/3	20 Ltr.

**WASH BOTTLES**

These bottles have a translucent & unbreakable character. Solutions can be poured easily by squeezing the bottle lightly. The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required.

Material : Polypropylene



Cat. No.	Capacity
12014/1	125 ml.
12014/2	250 ml.
12014/3	500 ml.
12014/4	1000 ml.

**WASH BOTTLES (New Type)**

These bottles are translucent & unbreakable. The distinguishing feature that these bottles contain is the built in delivery tube making it a one-piece Wash Bottle. These Bottles are graduated on the outer surface to give an approximate idea about the volume of solution filled or dispensed.

Material : Low Density Polyethylene



Cat. No.	Capacity
12015/1	250 ml.
12015/2	500 ml.
12015/3	125 ml.

**WIDE MOUTH WASH BOTTLES**

These wash bottles have wide mouth that enables easy filling as well as cleaning. The unique feature of the cap is through the top closure and stem moulded in one piece.

Material : Polypropylene



Cat. No.	Capacity
12016/1	500 ml.

**CONICAL FLASK**

These cone shaped flasks are rigid, translucent & autoclavable. The screw cap keeps the contents of the flask contamination free and makes the flask leakproof. Threads should be disengaged before autoclaving.

Material : Polypropylene



Cat. No.	Capacity
12017/1	100 ml.
12017/2	250 ml.
12017/3	500 ml.

**SPECIMEN JAR (Gas Jar)**

These transparent Specimen Jars, used for preserving different specimens in the lab are provided with a cap that fits in tight. These jars provided excellent protection to the species preserved in it.

Material : Polystyrene

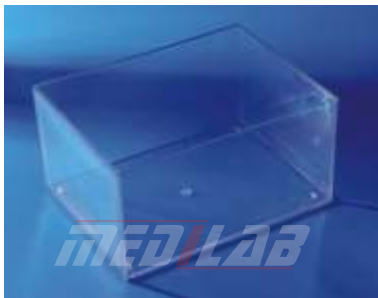


Cat. No.	Size
12018/1	ø50 x h150 mm

**RECTANGULAR JAR**

These transparent rectangular jars are multipurpose jars. Where as on one hand these jars are very useful for preserving specimens on the other hand these are really useful for chromatography purposes.

Material : Polycarbonate



Cat. No.	Size
12019/1	200 x 150 x 100
12019/2	225 x 200 x 200
12019/3	225 x 225 x 125

**FISHER CLAMP**

These Clamps are completely corrosion-proof. The spring loaded jack in the middle provides a vice like grip to the Burette and prevents it from slipping. Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8".

Material : Polypropylene



Cat. No.	Type
12020/1	Single
12020/2	Double

**FUNNEL HOLDER**

These corrosion free Funnel Holders can hold funnels with dia 3" to 6". The extra plate provided can be placed to hold funnels bearing dia 1" to 3". Two tapered wedges are provided to ensure firm grip on Rods having dia 1/2" or 3/8".

Material : Polypropylene



Cat. No.	Type
12021/1	Funnel Holder

**SEPARATORY FUNNEL HOLDER**

This non-corrosive Separatory Funnel Holder has a front opening which provides clear view of the solution and allows unobstructed placement of separating funnels. Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8".

Material : Polypropylene



Cat. No.	Type
12022/1	Separatory Funnel Holder

**FLASK STAND**

This Flask Stand gives a stair-like top view. Every step provides excellent support to the round bottom flask at every point of Contact. This Flask Stand can hold round bottom Flasks up to 10 Ltr. capacity. This Stackable Flask Stand can also be steam autoclaved.

Material : Polypropylene



Cat. No.	Type
12023/1	Flask Stand

**CONNECTORS (T & Y-New)**

The crest & valley structure provided at all the ends of the connectors give excellent leakproof grip to the tube.

Material : Polypropylene

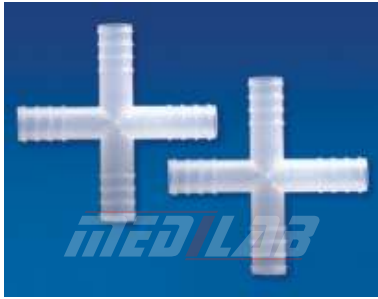


Cat. No.	Type
12024/1	T Connector-6mm
12024/2	Y Connector-6mm
12024/3	T Connector-8mm
12024/4	Y Connector-8mm
12024/5	T Connector-10mm
12024/6	Y Connector-10mm

**CONNECTORS (Cross)**

These four way connectors prove to be an excellent option for achieving leakproof joints in tubing connections.

Material : Polypropylene



Cat. No.	Size
12025/1	6mm
12025/2	8mm
12025/3	10mm

**CONNECTORS (L Shaped)**

These L shaped connectors also add to the range of different connectors committed to provide excellent leakproof tube arrangements.

Material : Polypropylene



Cat. No.	Size
12026/1	6mm
12026/2	8mm
12026/3	10mm

**ANIMAL CAGE**

Available in two different sizes, these Cages provide excellent shelter for different animal species in the laboratory. The metallic top provides proper ventilation and has provisions for feeding the species.

Material : Polypropylene / Stainless Steel



Cat. No.	Size
12027/1	290x220x140 mm
12027/2	430x270x150 mm

Water Bottle	Capacity
Cat. No.	Capacity
12027/3	125 ml
12027/4	250 ml

**ANIMAL CAGE (Twin Grill)**

Adding in line with the existing range, these Animal Cages are provided with a Stainless Steel grill at the bottom of the cage to provide a clean surface for the species to move on.

Material : Polypropylene / Stainless Steel

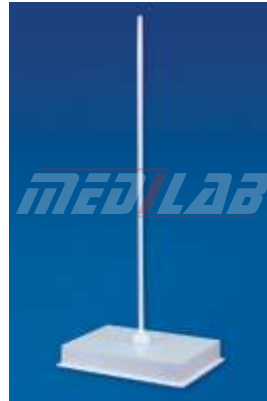


Cat. No.	Capacity
12028/1	290x220x140mm
12028/2	430x270x150mm

**RETORT STAND**

These non-corrosive, moulded Retort Stands provide excellent replacement for the metal ones. Even the metallic rod has a polypropylene covering making it non-corrosive. The rod measuring 12.5 mm x 750 mm can be screwed into the heavy base giving way to a perfectly stable Retort Stand.

Material : Polystyrene/Polypropylene



Cat. No.	Size
12029/1	225x150 mm-Side Hole
12029/2	300x200 mm-Centre Hole
12029/3	300x200 mm-Side Hole

**DESICCATOR (VACCUM)**



These autoclavable vacuum desiccators can hold vacuum upto 740 mm of Hg for 24 hrs. without any greasing. The top dome, moulded in rigid and transparent Polycarbonate, gives a crystal clear view of the desiccant placed inside. The Knurled knob on the top provides easy handling of the dome. The lower part is made of Polypropylene. An internal

groove is provided on the flange to hold a silicon rubber O-Ring. The Polypropylene stopcock is fitted with a self lubricating PTFE plug. This plug works three way i.e. vacuum creation, shutting off & vacuum releasing.

Material : Polypropylene/ Polycarbonate

Cat. No.	SIZE (mm)	FLANGE O.D. (mm)	I.D. (mm)
Vaccum			
12030/1	150	171	150
12030/2	200	232	199
12030/3	250	276	240
12030/4	300	340	300

**DESICCATOR (VACCUM) - ALL CLEAR**



These Vacuum Desiccators are provided with a transparent polycarbonate bottom that makes it more robust and provides excellent view of the desiccator. All the other features are same as PP/PC vacuum desiccators.

Material :

Polycarbonate/Polycarbonate

Cat. No.	SIZE (mm)	FLANGE O.D. (mm)	I.D. (mm)
Vaccum			
12031/1	150	171	150
12031/2	200	232	199
12031/3	250	276	240
12031/4	300	340	300



DESICCATOR (PLAIN)



Plain Desiccators are physically the same as Vacuum Desiccator. Only difference is the absence of stop cock. Grease should be applied on the flanges to make it airtight.

Material : Polypropylene/ Polycarbonate

Cat. No.	SIZE	FLANGE O.D.	I.D.
Plain	(mm)	(mm)	(mm)
12032/1	150	171	150
12032/2	200	232	199
12032/3	250	276	240
12032/4	300	340	300

Both Vacuum & Plain Desiccators are provided with a thick perforated Polypropylene disc with a big hole in the centre for easy lifting. The tiny holes in the disc provide air troughs & support to the dishes. However porcelain discs are advisable in case of incandescent crucibles.

STOP COCKS



These Stop Cocks are fitted with a PTFE plug & have serrated tubulations that accept from 6 mm to 10 mm tubing. These Stop Cocks are absolutely leakproof and are available in two different options i.e. 2 way & 3 way.

Cat. No.	Type
12033/1	2 Way
12033/2	3 Way

Material : Polypropylene / PTFE

KIPP'S APPARATUS

It has three main portions. The top portion is fitted with a thistle funnel and a bulb structure through which dilute acid can be poured which reacts with a metal sulphide in the base of the Apparatus. H<sub>2</sub>S gas then evolved collects in the middle dome from where it can be released through a leakproof stopcock fitted with a self lubricating PTFE plug. The base is provided with a residual outlet fitted with a cap for easy cleaning.

Material : High Density Polyethylene



Cat. No.	Capacity
12034/1	250 ml
12034/2	500 ml
12034/3	1000 ml

FUNNELS -LONG STEM



These long stem funnels have smooth walls, 60° cone angle and external ribs to prevent air lock. Moulded in Polypropylene, these clear funnels can also be steam autoclaved.

Material : Polypropylene

Cat. No.	Size	Inside Dia	Stem Length
12035/1	50 mm.	50	39
12035/2	62 mm.	61	67
12035/3	75 mm.	74	69
12035/4	100 mm.	93	84
12035/5	150 mm.	148	55

BUCHNER FUNNEL

These two piece funnels are light weight, easy to clean & autoclavable. The top portion can be snap fitted with the lower one forming a vacuum seal which does not require greasing. The base of the top portion has a perforated filter plate.

Material : Polypropylene



Cat. No.	Size
12036/1	70 mm
12036/2	110 mm

ANALYTICAL FUNNEL

Designed specifically for analytical chemistry, the body of the funnels is 60°. These funnels are provided with internal & external ribs to prevent air blockage.

Material : Polypropylene



Cat. No.	Size (mm)	Inside Dia	Stem Length
12037/1	50	50	50
12037/2	62	62	67
12037/3	75	75	77
12037/4	100	100	95

POWDER FUNNELS

These funnels are best suited for transferring powdered reagents. The unique feature of these funnels is its parallel stem that minimizes bridging of powder. These funnels are steam autoclavable at 121 °C.

Material : Polypropylene



Cat. No.	Size (mm)	Inside Dia	Stem Length
12038/1	65	65	22
12038/2	80	78	30
12038/3	100	100	33
12038/4	150	145	30

INDUSTRIAL FUNNELS

Industrial Funnel are designed in such a way that they make filling of carboys, drums and barrels very convenient. The handles of these funnels make their handling very easy.

Material : Polypropylene



Cat. No.	Size
12039/1	200 mm
12039/2	250 mm

**PETRI DISH**

These Petri Dish are clear, unbreakable and autoclavable.

Material : Polypropylene



Cat No.	Size
12040/1	50 mm
12040/2	75 mm
12040/3	100 mm
12040/4	125 mm
12040/5	150 mm

**PETRI DISH (Culture)**

These PS Petri Dish with fitting proves excellent for culture exp. Made in polystyrene, this transparent Petri Dish provides excellent inside view.

Material : Polystyrene



Cat. No.	12041/1

**ATOMIC MODEL SET**

These sets consist of moulded balls of different colours and sizes along with connecting lugs of different sizes. These sets are very helpful in modelling different organic & Inorganic compounds.

SENIOR SET : This set consists of 185 lugs & 370 balls of prescribed colours & sizes packed in a moulded box having separate space for every particular colour & size of ball.

JUNIOR SET : This set consists of 37 connecting lugs & 75 balls of different colours & sizes packed in a moulded box.

Material : Polystyrene

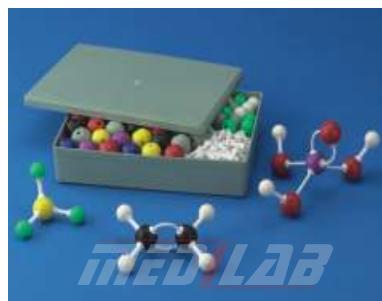


Cat No.	Size
12042/1	Senior Set
12042/2	Junior Set

**ATOMIC MODEL SET (Euro Design)**

This set consists of moulded balls of different colours & sizes along with connectors of different sizes. The sizes & shapes of the balls & connecting lugs have been designed in accordance with internationally acceptable standards.

Material : Polystyrene



Cat No.	Type
12043/1	Student Set
12043/2	Teacher Set

**CRYSTAL MODEL SET**

These Crystal Model Sets contain different coloured jacks (Red, Black & White) & connectors (long & short) in a prescribed number to be joined together in an illustrated way to form structures like Diamond, Graphite & Sodium Chloride.

Material : Polyethylene



Cat No.	Type
12044/1	Diamond
12044/2	Sodium Chloride
12044/3	Graphite

**COPLIN JAR**

This jar can hold 10 slides of the size 1"x3" back to back. The interior of the Coplin Jar is grooved in a way to hold slides in erect position. Domed & shallow thread screw cap provides protection to the slides.

Material : Polypropylene



Cat No.	12045/1

**SLIDE MAILER**

Slide Mailers present the best option to carry prepared slides from one place to another. These Slide Mailers are available in three sizes i.e. 1, 2 & 5 slides.

Material : Polypropylene

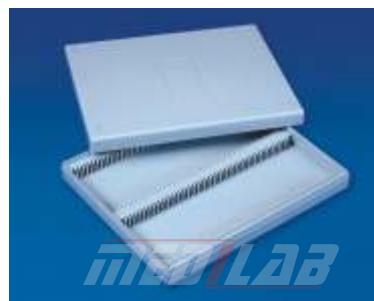


Cat No.	Capacity
12046/1	1 Slide
12046/2	2 Slides
12046/3	5 Slides
12046/4	10 Slides

**SLIDE BOX**

These Slide Boxes are durable, compact & provide utmost protection to 1"x3" slides. Heavy walls will not warp, splinter or crack. Boxes are unaffected by humidity and are thoroughly insect proof. Base of the slide Box has a numbered index for easy slide identification.

Material : Polystyrene



Cat No.	Capacity
12047/1	25 Slides
12047/2	50 Slides
12047/3	100 Slides

**SLIDE STORAGE RACK**

Adding to the existing range of slide accessories, this slide storage rack can hold 100 slides, recognizable through the numeric indexing. Spacing between the slots provide adequate backward & forward movement of slides for convenient recognition. The transparent cover provide excellent view of the slides stored inside.

*Material* : Acrylonitrile Butadiene Styrene



Cat No.	Capacity
12048/1	100 Slides

**FLOAT RACK**

This Float Rack is quite compact, autoclavable and can hold 16 micro centrifuge tubes for incubation in water baths. Easy to load, these are essential in microbiology & immunology labs. The surface of the rack has raised alpha-numeric index for easy identification and has a central rod handle for convenient lifting.

*Material* : Polypropylene

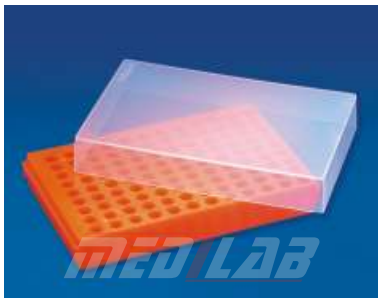


Cat No.	Capacity
12049/1	16 MCT's of 1.5 ml.

**50. MCT TWIN RACK**

This Twin Purpose Rack is for both 0.5 ml. & 1.5 ml. micro centrifuge tubes. Each side has 108 holes for 0.5 & 1.5 ml. MCT's, respectively. The transparent top provides an excellent view as well as a protection cover for the tubes stored. Each face of the base has a unique alpha-numeric index for easy identification of the tube.

*Material* : Polypropylene

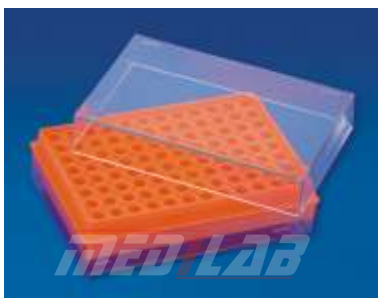


Cat No.	Capacity
12050/1	Rack for 0.5 ml. & 1.5 ml. MCTS.

**PCR TUBE RACK**

This rack is used for keeping PCR Tubes. Top & base of this rack are made of tough & transparent polycarbonate while the middle portion is made of polypropylene. The tube holding spaces are uniformly placed so as to facilitate the use of multipipettes. A no. of racks can be stacked together to save shelf space.

*Material* : Polycarbonate / Polypropylene

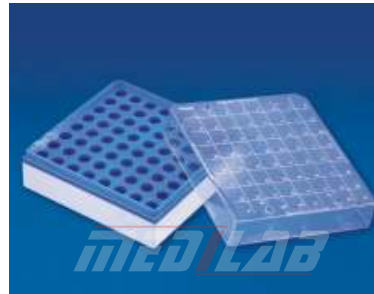


Cat No.	Capacity
12051/1	Rack for 96 PCR Tubes of 0.2 ml

**MCT BOX**

MCT Boxes are strong as well as autoclavable. One size can hold 64 MCT's of 1.5 ml. & the other can hold 100 MCT's of 0.5 ml. These boxes are designed to work at temperatures ranging from -190°C to +121°C. The transparent cover provides a good view of the contents inside & is numbered for better inventory control.

*Material* : Polycarbonate



Cat No.	Capacity
12052/1	Rack for 100 MCT's of 0.5 ml.
12052/2	Rack for 64 MCT's of 1.5 ml.

**CENTRIFUGE TUBE CONICAL BOTTOM**

These tubes are available in two sizes i.e. 15 ml. & 50 ml. These tubes are clear, strong & safe. These autoclavable tubes are provided with printed graduations on the outer surface. The built in seal ring in the cap makes these tubes absolutely leakproof. These tubes can withstand forces upto 7500xG & 12000xG for 15 ml. & 50 ml. tubes respectively. These tubes are available sterilized as well as non-sterilized.

*Material* : Polypropylene



Cat No.	Capacity
12053/1	15 ml.
12053/2	50 ml.
12053/3	15 ml.-Sterile
12053/4	50 ml.-Sterile

**CENTRIFUGE TUBE ROUND BOTTOM**

These tubes have excellent clarity and are strong enough to be used upto 50,000xG. These tubes can be autoclaved, however, repeated autoclaving in PC tubes reduces their mechanical strength.

*Material* : Polypropylene / Polycarbonate



Cat No.	Capacity
12054/1	16 ml. Cent. Tube PP.
12054/2	50 ml. Cent. Tube PP.
12054/3	16 ml. Cent. Tube PC.
12054/4	50 ml. Cent. Tube PC.
12054/5	Cap for 16 ml. Cent. Tube
12054/6	Cap for 50 ml. Cent. Tube

**OAK RIDGE CENTRIFUGE TUBES**

These Tubes have excellent contact clarity and can be used upto 50,000xG. The screw cap is fitted with silicon O-Ring making it totally leakproof. These tubes should not be used below 4°C.

*Material* : Polypropylene



Cat No.	Capacity
12055/1	30 ml.
12055/2	50 ml.
12055/3	100 ml.

Actual brim capacity of 12055/2 is 45 ml.



**URINE CONTAINER**

These containers can be used for collecting a wide range of samples of sputum, urine etc. These container have excellent contact clarity and the cap has built-in seal that makes it completely leakproof.

Material : Polypropylene



Cat No.	Capacity
12056/1	30 ml.
12056/2	60 ml.

**STOOL CONTAINER**

These containers, as the name suggests, are used for collecting stool samples. The cap is provided with a spoon like structure that proves helpful in lifting samples.

Material : Polypropylene



Cat No.	Capacity
12057/1	30 ml.
12057/2	60 ml.

**58. STOOL CONTAINER**

In addition to the range of existing sample containers, this Stool Container has the unique feature of one piece moulded cap-spoon combination.

Material : Polypropylene



Cat No.	Capacity
12058/1	25 ml.

**RIA VIAL**

These tubes are generally used in RIA, Coagulation & Bacteriology. The tubes are clear and can withstand 3000 RCF during Centrifugation while the transparent tubes can withstand 1400 RCF. The PP tubes can accept common acids, alkalies & solvents at room temperature while the PS tubes can accept mild bases, weak acids but not organic solvents.

Material : Polypropylene / Polystyrene



Cat No.	Size
12059/1	12 x 75 mm / PS
12059/2	12 x 75 mm / PP
12059/3	Cap for 12 mm RIA Tube

**TEST TUBE WITH SCREW CAP**

These tubes provide excellent option for RIA, coagulation & bacteriology etc. The cap is screwed on to the tube & hence this tube can be filled up to the brim.

Material : Polypropylene



Cat No.	Size
12060/1	16x100 mm
	Ext. Thread

**TEST TUBE CAP**

This transparent polypropylene cap for Test Tubes proves to be an excellent protection to the contents to the tubes. The grooves inside the cap tighten the fitting on the tube while the outer grooves would hold identification labels. The built in seal ring would set in the tube making the combination a leakproof one.

Material : Polypropylene



Cat No.	Size
12061/1	Cap for Test Tube ø 25 mm

**STORAGE VIAL**

As the name suggests, these vials are commonly used for storage of biological material, human & animal cells. The Cap is provided with a built in seal making the vial leakproof. The base of the vial has longitudinal grooves which give it a non-twisting character when placed in a vial rack.

Material : Polypropylene



Cat No.	Capacity
12062/1	1.0 ml.
12062/2	2.0 ml.
12062/3	5.0 ml.

**STORAGE VIAL WITH O-RING**

This vial has an O-ring in the cap that makes it absolutely leakproof. Like other storage vials this vial can also be used for storage purposes.

Material : Polypropylene



Cat No.	Capacity
12063/1	2.0 ml.



**STORAGE VIAL-INTERNAL THREAD**

Another addition to the range of storage vials is this vial which has internal thread in it. The cap fitted with an O-ring screws in to the vial and makes it a leakproof storage vial.

*Material* : Polypropylene



Cat No.	Capacity
12064/1	2.0 ml.

**CRYO VIAL-INTERNAL THREAD**

Adding to the existing range of Cryo Vials is this vial which has internal thread in it. The cap fitted with an O-ring screws in to the vial and makes it a leakproof Cryo Vial. These vials are provided with white, prominent graduations and a long marking area for sample identification.

*Material* : Polypropylene



Cat No.	Capacity
12068/1	2.0 ml.

**SV10-SV5**

These vials add to the existing range of storage vials. Available in 5 ml. & 10 ml. capacities, these vials have polypropylene cap with built in seal ring making it a leakproof vial. Just like others storage vials these vials are also used for the storage of biological material, animal & human cells etc.

*Material* : Polypropylene



Cat No.	Capacity
12065/1	SV-10 ml.
12065/2	SV-5 ml.

**CRYO VIAL**

Cryo vials are normally used for storage of Biological material, human & animal cells. These sterilized tubes are provided with white, prominent graduations and a long marking area for sample identification. The cap of these vials is provided with a seal ring inside to make it completely leakproof. The longitudinal grooves in the base give a non-twisting feature to these vials when placed in a cryo rack.

*Material* : Polypropylene



Cat No.	Capacity
12069/1	1.0 ml.
12069/2	1.8 ml.
12069/3	4.5 ml.

**SCINTILLATION VIAL**

These unbreakable vials, are fitted with leakproof screw caps. These vials can be used with standard counting equipment for liquid scintillation system and are excellent for low activity count.

*Material* : High Density Polyethylene



Cat No.	Capacity
12066/1	8 ml.
12066/2	20 ml.

**CRYO CODERS**

These Coders available in different colours can easily fit into the cap of cryo vials for colour identification of different samples.

*Material* : Polystyrene



Cat No.	Capacity
12070/1	

**RACK FOR SCINTILLATION VIAL**

These Racks for Scintillation Vials, are autoclavable & corrosion resistant. There is an individual rack for both 8 ml. & 20 ml. vials. These rugged & stable racks can hold scintillation vials for convenient storage, handling & sample preparations.

*Material* : Polypropylene



Cat No.	Rack Capacity
12067/1	90 vials of 8 ml.
12067/2	50 vials of 20 ml.

**CRYO RACK**

Cryo Rack is moulded in Polycarbonate making it tough, durable & autoclavable. This handy rack can hold 50 vials at a time. The unique feature of this rack is that vials can be unscrewed without actually picking them up as the vial will lock in every well and hence will not twist. This rack is provided with four anti skid rubbers & each well is identified with an alpha-numeric index.

*Material* : Polycarbonate

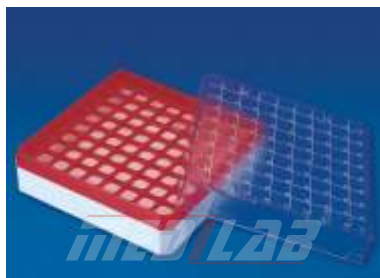


Cat No.	Capacity
12071/1	50 places for 1, 1.8 & 4.5ml Cryo Vials

**CRYO BOX (PC)**

These Cryo Boxes are extra strong and autoclavable. These can accommodate Cryo Vials of up to 4.5 ml. capacity and are designed to be used at temperatures ranging from -190°C to +121°C. The transparent cover of the box gives a good view of the contents inside and is numbered for better inventory control.

*Material* : Polycarbonate



Cat No.	Capacity (Places)
12073/1	50 for 1 ml or 1.8 ml
12073/2	81 for 1 ml or 1.8 ml
12073/3	81 for 4.5 ml
12073/4	100 for 1 ml or 1.8 ml

**CRYO BOX (PP)**

The top of the box is attached to the bottom through well designed built-in hinges. The bottom has built-in spaces to hold vials up to 2ml. capacity. Available in two different sizes, these autoclavable boxes bear alpha numeric index for easy identification of different vials placed inside.

*Material* : Polypropylene



Cat No.	Capacity
12074/1	81 for 1 ml. or 1.8 ml.
12074/2	100 for 1 ml. or 1.8 ml.

**MICRO TEST PLATES**

ELISA/ASSAY plates are made of optically clear, non-toxic Polystyrene. These plates with 96 U Bottom or flat bottom wells bear alpha-numeric index. Uniform placement of all the wells facilitate use of multi channel pipettes. These plates packed individually are available non-sterile as well as radiation sterilized.

*Material* : Polystyrene



Cat No.	Type
12075/1	Flat Bottom
12075/2	U Bottom

**MICRO TIP BOX**

These boxes are autoclavable. The Box itself is clear providing an excellent view of the tips inside while a table like structure is provided inside to hold the tips. The tip holding spaces are uniformly placed to facilitate the use of multi channel pipettes. The cover is joined to the base through ball catcher hinges and provides excellent protection to the tips.

*Material* : Polypropylene



Cat No.	Capacity
12076/1	For 96 Micro Tips of 2-200µl
12076/2	For 100 Micro Tips of 200-1000µl

**MICRO TIP BOX (New)**

The unique feature of these tip boxes is the improved robust hinge design which prevents the top from being easily disengaged from the bottom of the box.

*Material* : Polypropylene



Cat No.	Capacity
12077/1	96 Tips of 2-10µl
12077/2	96 Tips of 2-200µl
12077/3	100 Tips of 200-1000µl

**VOLUMETRIC FLASK**

These flasks are strong, unbreakable and have good contact clarity. These autoclavable flasks are provided with screw caps to prevent leakage.

*Material* : Polypropylene

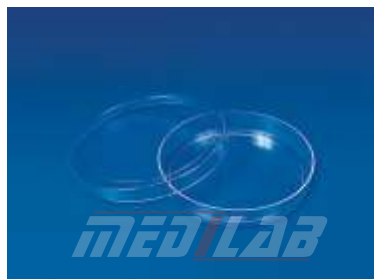


Cat No.	Capacity
12078/1	25 ml.
12078/2	50 ml.
12078/3	100 ml.
12078/4	250 ml.
12078/5	500 ml.
12078/6	1000 ml.

**PETRI DISH (Sterile)**

These transparent, ready to use, disposable Petri Dishes are made of optically clear, non-toxic, Polystyrene. These Petri Dishes packed individually in polyethylene bags are sterilized by radiation.

*Material* : Polystyrene



Cat No.	Size
12079/1	35 mm
12079/2	60 mm
12079/3	90 mm
12079/4	140 mm

**RACK FOR PETRI DISHES**

These Racks are clear acrylic construction with polycarbonate posts. These racks are very useful during inoculation, incubation & Storage. Visibility from all sides enables the culture to be seen & checked during incubation.

*Material* : Polymethyl Methacrylate / Polycarbonate



Cat No.	Capacity of Rack
12080/1	60 Dishes of 90mm
12080/2	56 Dishes of 60mm

**UNIVERSAL MULTI RACK**

This rack is an excellent lab apparatus compatible with different sizes of tubes. Four sides of this rack can be used for tubes of  $\phi 30$ mm,  $\phi 20$ mm,  $\phi 17$ mm &  $\phi 12$ mm.

Material : Polypropylene



Cat No. 12081/1

**NESTLER CYLINDER STAND**

This stand, as the name suggests, is used for keeping nestler cylinders. Made of polypropylene, this stand is available in two sizes, one for 50ml nestler cylinder & other for 100ml. nestler cylinder.

Material : Polypropylene



Cat No. Capacity  
12082/1 50ml.  
12082/2 100ml.

**TEST TUBE STAND**

This autoclavable Stand is perhaps the most commonly used Test Tube Stand in various laboratories. For better visibility, this 6 place rack is end supported by 2 columns. The top plate has 2 holes for holding 25 mm dia test tubes, four holes to hold 16 mm dia tubes where as the base has corresponding hemispherical wells. It also has six vertical pins for drying tubes.

Another option available in this section is a test tube stand in which all the holes in the top plates can hold 25 mm dia tubes.

Material : Polypropylene

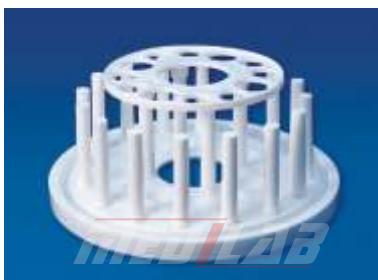


Cat No. Capacity  
12083/1 16/25 mm  $\phi$  Tubes  
12083/2 25 mm  $\phi$  Tubes

**TEST TUBE STAND (ROUND)**

A handy, little, space saver, this circular twelve place Polypropylene Test Tube Stand has four 25 mm dia holes & eight 19 mm dia holes in its top plate. The base has matching hemispherical wells & 16 vertical pins for drying tubes surrounded by a trough to catch drippings. This autoclavable rack can be easily disassembled for cleaning purpose.

Material : Polypropylene



Cat No. Capacity  
12084/1 19/25 mm.  $\phi$  Tubes

**RACK FOR MICRO CENTRIFUGE TUBES**

These autoclavable racks are made for holding 1.5 ml. micro centrifuge tubes. These racks have a unique stacking feature which prevents movement in any direction. The holes are numbered & lettered for easy identification.

Material : Polycarbonate



Cat No. Capacity  
12085/1 24 Tubes  
12085/2 48 Tubes

**TEST TUBE STAND (3 TIER)**

These ingenious racks with a 3-tier design provide clear view of the tube contents & convenient insertion & removal of tubes. The PC rack has transparent upper & middle plates where as in PP racks, every part is coloured & opaque. These autoclavable Racks can withstand sub-freezing temperatures.

Material : Polypropylene



Cat No. Size/Capacity  
12086/1 13 mm x 31 Tubes  
12086/2 16 mm x 31 Tubes  
12086/3 20 mm x 20 Tubes  
12086/4 25 mm x 12 Tubes  
12086/5 25 mm x 18 Tubes  
12086/6 32 mm x 12 Tubes  
12086/7 25 mm x 36 Tubes  
12086/8 13 mm x 18 Tubes  
12086/9 15 mm x 18 Tubes  
12086/10 18 mm x 12 Tubes  
12086/11 13 mm x 62 Tubes  
12086/12 16 mm x 62 Tubes  
12086/13 20 mm x 40 Tubes  
12086/14 13 mm x 48 Tubes  
12086/15 13 mm x 72 Tubes

Material : Polycarbonate



Cat No. Size/Capacity  
12087/1 13 mm x 31 Tubes  
12087/2 16 mm x 31 Tubes  
12087/3 20 mm x 20 Tubes  
12087/4 25 mm x 12 Tubes  
12087/5 13 mm x 62 Tubes  
12087/6 16 mm x 62 Tubes  
12087/7 20 mm x 40 Tubes  
12087/8 25 mm x 24 Tubes  
12087/9 25 mm x 18 Tubes  
12087/10 25 mm x 36 Tubes  
12087/11 32 mm x 12 Tubes

**TEST TUBE PEG RACK**

These racks can conveniently hold inverted tubes for drying purpose and minimizes collection of airborne contaminants inside the tube. This rack can also be used to hold and dry electrophoresis and chromatography plates.

Material : Polypropylene



Cat No. Size/Capacity  
12088/1 13 mm x 90 Tubes  
12088/2 16 mm x 60 Tubes



**TEST TUBE STAND (WIRE PATTERN)**

An economical substitute for wire racks, here are these submersible, autoclavable racks which are stackable when empty. These are available in different colours and are made of a special blend of Polypropylene that makes it sink in a water bath and maintain their stability even in agitated water. These space saving racks can easily be disassembled for cleaning purposes. The base is in the form of a grid with square openings and has fold up sides and end bars that lock into rack tops.

Material : Polypropylene

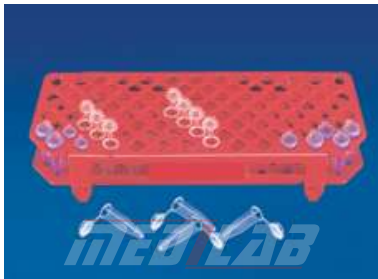


Cat No.	Size/Capacity
12089/1	13 mm x 90 Tubes
12089/2	16 mm x 60 Tubes
12089/3	20 mm x 40 Tubes
12089/4	25 mm x 24 Tubes
12089/5	30 mm x 21 Tubes

**RACK FOR MICRO CENTRIFUGE (Folding)**

These two-tier versatile racks, are autoclavable & can be used dry, in water baths or in freezers. These racks are provided with alpha numeric index for easy sample identification. Racks are stack able even when loaded and have purpose designed label spaces on each side.

Material : Polypropylene



Cat No.	Size/Capacity
12090/1	100 Places for 1.5ml MCTs

**TEST TUBE BASKETS**

These autoclavable, unbreakable and non-corrosive Baskets are ideal for rinsing & draining glassware. These are also useful for storage of test tubes or culture tubes during sterilization or incubation.

Material : Polypropylene



Cat No.	Size/Capacity
12091/1	140x120x110 mm
12091/2	160x160x160 mm

**DRAINING BASKET**

As the name suggests, this basket with wide net like structure on all sides prove really useful for draining different laboratory apparatus after washing them. This basket can be repeatedly autoclaved.

Material : Polypropylene



Cat No.	Size/Capacity
12092/1	400x400x100 mm

**PIPETTE STAND (HORIZONTAL)**

This detachable Stand can hold 12 pipettes, 6 on each side, in a horizontal position. This autoclavable stand has two sides which are attached to each other with three metallic rods. This stand can be easily disassembled for space saving storage.

Material : Polypropylene



Cat No.	Capacity
12093/1	For 12 Pipettes

**PIPETTE STAND (VERTICAL)**

This is a stable, non-corrosive, detachable Stand which can hold 28 pipettes with maximum dia 14 mm. The heavy base measures 225 mm in diameter and a Polypropylene coated square rod measuring 375 mm in length is screwed into the base. The top disc that can be fixed on the rod has holes for holding pipettes while the lower one has pilot holes where the pipette tips rest and liquids drain down to the base. These discs can be adjusted on the rod according to the length of the pipette. The arrows provided on the discs should be kept parallel to ensure that corresponding holes are being centered.

Material : Polypropylene



Cat No.	Capacity
12094/1	for 28 Pipettes

**PIPETTE STAND (94 PIPETTES-ROTARY)**

This unique Stand holds a maximum of 94 pipettes and rotates on a central vertical axis for convenient selection of any particular pipette. The lower rotating disc has four concentric troughs with tapered sides and open bottoms which cradle the pipette tips protectively and permit water drops to run off. The upper disc has a grid pattern concentric with the bottom disc and keeps the pipettes vertical. Liquids draining off the pipettes are retained on the top of the stationary base by the outer ring. This stand can be easily disassembled & reassembled.

Material : Polypropylene



Cat No.	Capacity
12095/1	For 94 Pipettes

**PIPETTE BOX**

This Pipette Box is designed in such a way that it can hold Pipettes of different lengths. The top of the box screws on the bottom and the height can be adjusted by screwing or unscrewing the top.

Material : Polypropylene



Cat No.	Capacity
12096/1	



**REAGENT RESERVOIR**

This autoclavable Reagent Reservoir is helpful for multi-channel pipettes to be used into microtiter plates.

Material : Polypropylene

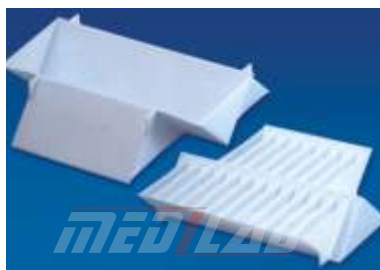


Cat No.	Capacity
12097/1	75 ml.

**UNIVERSAL REAGENT RESERVOIR**

This Universal Reagent Reservoir is a graduated single reagent reservoir with maximum volume of 50ml, reservoir with 8 separate numbered 5ml. reagent channels & a reservoir with 12 separate numbered 5ml. reagent channels. These reagent reservoirs are repeatedly autoclavable and can be used with all multi-channel pipettes.

Material : Polypropylene



Cat No.	Capacity
12098/1	50 ml.

**ICE BUCKET**

This Ice Bucket is made of a durable rigid material bearing excellent insulating properties. Contents can be stored in it using dry ice, liquid nitrogen or acetone etc.

Material : Polyurethane



Cat No.	Capacity
12099/1	Ice Bucket

**STAINING BOX**

This Staining Box helps in staining, fixing, de-staining and handling fragile electrophoresis gels and membranes. Box as well as cover will resist temperatures from -70°C to +70°C. The LDPE plug provides leakproof seal and allows easy liquid drainage.

Material : Polypropylene



Cat No.	Capacity
12100/1	125 x 125 x 50mm

**MEASURING CYLINDERS**

These are single piece cylinders. These autoclavable cylinders have raised prominent graduations for easy reading and have excellent contact clarity. The broad base provides good stability.

Material : Polypropylene



Cat No.	Capacity	Least Count
12101/1	10 ml.	0.2 ml.
12101/2	25 ml.	0.5 ml.
12101/3	50 ml.	1 ml.
12101/4	100 ml.	1 ml.
12101/5	250 ml.	2 ml.
12101/6	500 ml.	5 ml.
12101/7	1000 ml.	10 ml.
12101/8	2000 ml.	20 ml.

Material : TPX (Poly Methyl Pentene)

Cat No.	Capacity	Least Count
12101/9	10 ml.	0.2 ml.
12101/10	25 ml.	0.5 ml.
12101/11	50 ml.	1 ml.
12101/12	100 ml.	1 ml.
12101/13	250 ml.	2 ml.
12101/14	500 ml.	5 ml.
12101/15	1000 ml.	10 ml.

**MEASURING CYLINDER HEXAGONAL**

These cylinders are now available with hexagonal base also. The hexagonal base provides excellent stability to the cylinder where as the tapered spout works really well while pouring any reagent.

Material : Polypropylene



Cat No.	Capacity	Least Count
12102/1	10 ml.	0.2 ml.
12102/2	25 ml.	0.5 ml.
12102/3	50 ml.	1 ml.
12102/4	100 ml.	1 ml.
12102/5	250 ml.	2 ml.
12102/6	500 ml.	5 ml.
12102/7	1000 ml.	10 ml.

**MEASURING CYLINDER PENTAGONAL**

Adding to the range of round & hexagonal base cylinders are the pentagonal ones. Prominently raised graduation & excellent contact clarity are among the other features of these cylinders.

Material : Polypropylene



Cat No.	Capacity	Least Count
12103/1	10 ml.	0.2 ml.
12103/2	25 ml.	0.5 ml.
12103/3	50 ml.	1 ml.
12103/4	100 ml.	1 ml.
12103/5	250 ml.	2 ml.
12103/6	500 ml.	5 ml.
12103/7	1000 ml.	10 ml.

**MEASURING JUGS**

These handy Jugs, are clear, autoclavable and have good chemical resistance. These jugs are provided with a handle for easy & convenient lifting and have raised graduations for easy reading.

*Material* : Polypropylene



Cat No.	Capacity
12104/1	250 ml.
12104/2	500 ml.
12104/3	1000 ml.
12104/4	2000 ml.

**MEASURING JUGS (EURO DESIGN)**

Adding to the existing range of Jugs, these short form transparent jugs, are autoclavable and have non-drip spout. These jugs have raised graduations, provide excellent contact clarity & are provided with excellent thumb grip on handle.

*Material* : Polypropylene



Cat No.	Capacity
12105/1	500 ml.
12105/2	1000 ml.
12105/3	2000 ml.
12105/4	3000 ml.
12105/5	5000 ml.

**CONICAL MEASURES**

These Conical Measures are very good for measuring small quantities of reagents. These autoclavable Measures have a hexagonal base which provides it excellent stability. The Measures are clear, have good chemical resistance and have raised graduations for easy reading.

*Material* : Polypropylene



Cat No.	Capacity
12106/1	12 ml.
12106/2	25 ml.
12106/3	50 ml.
12106/4	125 ml.
12106/5	200 ml.

**SEPARATORY FUNNEL**

Separatory Funnel gives excellent contact clarity and strength. This pear shaped, autoclavable separating funnel has a leakproof threaded screw cap. The Polypropylene stopcock, fitted with a self lubricating PTFE plug, is push fitted to the stem of the separatory funnel.

*Material* : Polypropylene



Cat No.	Capacity
12107/1	100 ml.
12107/2	250 ml.
12107/3	500 ml.

**SPATULA**

Spatula consists of a spoon on one side while the other end is a flat construction with a knife edge. This edge is helpful in breaking up crystals of different salts while the spoon is used to draw salts from the containers.

*Material* : Polypropylene



Cat No.	Capacity
12108/1	150 mm
12108/2	200 mm

**STIRRER**

These Stirrers are very useful for stirring different solutions in the laboratory. These Stirrers prove to be tough and long lasting.

*Material* : Polypropylene



Cat No.	Capacity
12109/1	ø-10 x h-250 mm.
12109/2	ø-6 x h-150 mm.
12109/3	ø-7 x h-200 mm.
12109/4	ø-7 x h-250 mm.
12109/5	ø-7 x h-300 mm.

**POLICEMEN STIRRING RODS**

This, in-fact, is a multipurpose apparatus which works as a stirrer as well spatula. The fattened ends of this rod form two small spatulas.

*Material* : Polypropylene



Cat No.	Capacity
12110/1	ø-6 x h-245mm

**SOFT LOOP STERILE**

This non-toxic disposable loop is accurate to semi quantitative stand for handling samples.

*Material* : Polystyrene

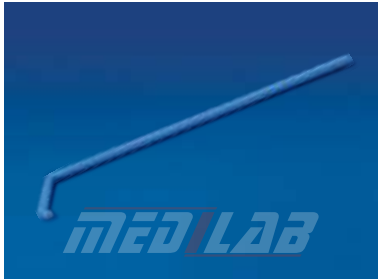


Cat No.	Capacity
12111/1	Soft loops - 1µl
12111/2	Soft loops - 10µl
12111/3	Inoculation Needle

**L SHAPED SPREADER**

This sterile, smooth spreader enables even spreading of liquid samples across the surface of a jar plate without grouping & cutting the medium.

Material : Polypropylene



Cat No. 12112/1

**LABORATORY TRAY**

Laboratory Tray is a multipurpose tray that can be used for sterilizing, drying glassware, porcelainware & other laboratory instruments. These steam autoclavable trays have tapered walls which prove good for nesting.

Material : Polypropylene



Cat No. Capacity  
 12116/1 450 x 350 x 75mm  
 12116/2 375 x 300 x 75mm

**MICRO PESTLE**

This double ended pestle's one end fits 1.5ml. Micro centrifuge tube & the other one fits 0.5ml. Micro centrifuge tube.

Material : Polypropylene



Cat No. Capacity  
 12113/1 Micro Pestle

**UTILITY TRAY**

Adding to the already existing range of autoclavable laboratories trays, is the Utility Tray and as the name suggests this Tray can be utilized for purposes ranging from drying glassware to sterilizing and to store any laboratory apparatus.

Material : Polypropylene



Cat No. Capacity  
 12117/1 375 x 350 x 130mm

**PNEUMATIC TROUGH**

These Troughs, are autoclavable and are available in different sizes. These can be used for a wide range of purposes including storage, sterilizing & drying labware etc.

Material : Polypropylene

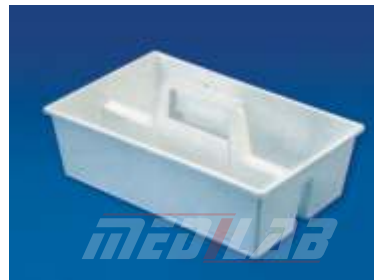


Cat No. Capacity  
 12114/1 ø-180 x h-60mm  
 12114/2 ø-200 x h-100mm  
 12114/3 ø-250 x h-100mm

**CARRIER TRAY**

This autoclavable Tray has a unique feature i.e. its handle which proves really helpful in carrying reagents or laboratory apparatus from one place to another, single handedly.

Material : Polypropylene



Cat No. Capacity  
 12118/1 380 x 240 x 115mm

**PLANTATION POTS**

Plantation Pots, are available in four different sizes. These pots have a downward extended rim which provide convenient lifting even if the pot is filled. The bottom of the pot is provided with holes for drain purpose.

Material : Polypropylene



Cat No. Capacity  
 12115/1 100 mm.  
 12115/2 150 mm.  
 12115/3 200 mm.  
 12115/4 250 mm.

**INSTRUMENT TRAY**

This autoclavable trays have cover which fits into groove of trays 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.

Material : Polypropylene

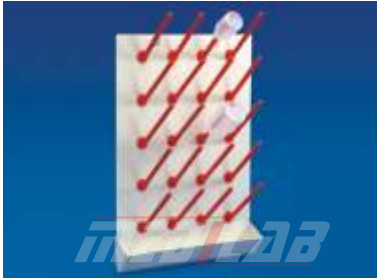


Cat No. Capacity  
 12119/1 220 x 150 x 70mm  
 12119/2 450 x 150 x 70mm

**DRAINING RACK**

Draining Rack provides an excellent option for post wash draining of tubes & bottles in the laboratory. The back plate has 20 holes into which pegs are tightened with the help of screw-nuts. Bottom of the rack is provided with a tray which collects all the waste water drained down which can further be collected in a container via drain tube. This rack does not rot, stain or rust.

*Material* : Acrylonitrile Butadiene Styrene / Polycarbonate



Cat No. 12120/1

**MAGENTA BOX**

Magenta Box is very often used in tissue culture & agricultural research experiments. Main body of this box is made of tough & transparent Polycarbonate which provides excellent view of the contents inside while the cover is made of Polypropylene. This autoclavable box is square in shape giving itself a space saving feature.

*Material* : Polycarbonate / Polypropylene



Cat No. 12121/1

**STORAGE BOXES**

These Storage Boxes, prove to be an excellent option for storage of different powdered reagents & other material in the laboratory. Square shape of these boxes help in saving shelf space. Available in three different sizes, these boxes have polypropylene caps, are autoclavable, provide good chemical resistance & heavy duty service.

*Material* : Polypropylene



Cat No.	Capacity
12122/1	500 ml.
12122/2	250 ml.
12122/3	1000 ml.

**SIMPLE CELL POT**

This Pot is used for making Simple Cells & Voltmeters etc. This Pot has very good contact clarity and excellent chemical resistance. Being in Polypropylene, this Pot is much durable than the one used conventionally.

*Material* : Polypropylene



Cat No. 12123/1

**LECLANCHE CELL POT**

This Pot is used for making Leclanche Cell. This Pot too has very good contact clarity & excellent chemical resistance.

*Material* : Polypropylene



Cat No. 12124/1

**SAMPLE CONTAINER (PRESS & FIT TYPE)**

These disposable Containers are used for collecting samples of sputum or urine etc. Graduated on the outer surface, these containers have cap that work in a press & fit manner & make these containers leakproof. These disposable containers are E.T.O. sterilized.

*Material* : Polypropylene



Cat No.	Capacity
12125/1	50 ml.
12125/2	25 ml.

**MEDICINE CUP**

These transparent cups can be used to measure different volumes of medicines to be administered. The inbuilt graduations make measuring very easy.

*Material* : Polypropylene



Cat No.	Capacity
12126/1	25 ml.

**PASTEUR PIPETTE**

*Material* : LDPE



Cat No.	Capacity ml
12127/1	1
12127/2	1 sterile
12127/3	3
12127/4	3 sterile

**FORCEPS**

*Material* : PP Autoclavable



Cat No. 12128



FIXED VOLUME MICROPIPETTE



Cat No.	Capacity $\mu$ l
12129/1	5
12129/2	10
12129/3	20
12129/4	25
12129/5	50
12129/6	100
12129/7	500
12129/8	1000

VARIABLE VOLUME MICROPIPETTE



Cat No.	Range $\mu$ l
12130/1	0.5 - 10
12130/2	2 - 20
12130/3	5 - 50
12130/4	10 - 100
12130/5	20 - 200
12130/6	100 - 1000
12130/7	1000 - 5000
12130/8	2000 - 10000

MICRO TIP

Material: PP Autoclavable



Cat No.	Capacity $\mu$ l
12131/1	0.2-10
12131/2	2-200
12131/3	200-1000
12131/4	1000-5000

MICRO TIP BOX

Material: PP Autoclavable



Cat No.	Capacity $\mu$ l
12132/1	0.2-10
12132/2	2-200
12132/3	200-1000

BOTTLE WITH STANDARD TAPER STOPPER

Material: LDPE



Cat. No.	Capacity ml
12133/1	125
12133/2	250
12133/3	500
12133/4	1000

PIPETTE TOP

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

Material: PP/Silicone



Cat. No.	Capacity ml
12134/1	100

FAST RELEASE PIPETTE PUMP

The light weight pipette pump is designed for fast and accurate one handed operation. A fast release trigger dispenses the entire pipette contents.

Material: PP/Silicone



Cat. No.	Capacity ml
12135/1	2
12135/2	10
12135/3	25

FILTER FUNNEL WITH CLAMP - 47mm MEMBRANE

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.

Material: PSF/AL Autoclavable



Cat. No.	Capacity ml
12136/1	250

MICRO CENTRIFUGE TUBE

Material: PP Autoclavable



Cat. No.	Capacity ml
12137/1	0.5
12137/2	1
12137/3	1.5 color amber
12137/4	2.0

**RACK FOR MICRO TUBE**

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 sides. 24 places.  
*Material:* PP Autoclavable



Cat. No.	Capacity ml
12138/1	0.5
12138/2	1.5

**0°C MINI COOLER**

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze 0°C mini cooler for 24 hours at -5°C to -10°C before use.  
*Material:* PC/ Non toxic gel



Cat. No.	Capacity	Places
12139/1	1.5	12
12139/2	1.5	32

**-20°C MINI COOLER**

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze -20°C mini cooler for 24 hours at -20°C to -25°C before use.  
*Material:* PC/ Non toxic gel



Cat. No.	Capacity	Places
12140/1	1.5	12
12140/2	1.5	32

**0°C MINI COOLER WITH GEL FILLED COVER**

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze 0°C mini cooler for 24 hours at -5°C to -10°C before use.  
*Material:* PC/ Non toxic gel



Cat.No.	Capacity	Places
12141	1.5	32

**-20°C MINI COOLER WITH GEL FILLED COVER**

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze 0°C mini cooler for 24 hours at -5°C to -10°C before use.  
*Material:* PC/ Non toxic gel



Cat.No.	Capacity	Places
12142	1.5	32

**-20°C PCR MINICOOLER**

This cooler is designed to protect enzymes and solution by maintaining them at temperature between -20°C and -15°C upto 2 hr. during sample preparation on bench. The aluminium block has 96 holes to hold tubes, strips or plate.  
*Material:* PC/ Non toxic gel



Cat.No.	Capacity	Places
12143/1	0.2	96

**CRYO 1°C COOLER**

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



Cat.No.	Capacity	Places
12144/1	1 or 1.8	18

**0°C MINI COOLER**

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze 0°C mini cooler for 24 hours at -5°C to -10°C before use.  
*Material:* PC/ Non toxic gel



Cat.No.	Capacity	Places
12145/1	15	12

**QUICK FREEZE**

An alternate to dry ice - solvent bath for quick chilling of specimens.  
*Material:* PC/ Insulating solution



Cat. No.	Capacity	Places
12146/1	1.5	12

**SEROLOGICAL PIPETTE STERILE**

*Material:* PS



Cat. No.	Capacity ml
12147/1	1
12147/2	2
12147/3	5
12147/4	10
12147/5	25

**EU 0.2ml TUBE WITH OPTICAL FLAT CAP**

This EU tube features a thin-wall, flat optical cap. The glass-grade, optical area is very well suited for Real-Time PCR, but it may also be used for writing identifications on. This EU tube is also suited for centrifugation purposes.  
*Material:* PP



Cat. No.	Capacity ml
12148/1	0.2
12148/2	0.5

**EU 0.2ml TUBE WITH DOMED CAP**

This EU tube features a dome cap with a flat shaped optical area on top. It offers great flexibility in opening and closing repeatedly. The special anti-contamination tab prevents fingertips from touching the outskirts of the cap closing area, thus preventing DNA carryover.  
*Material:* PP



Cat. No.	Capacity ml
12149/1	0.2

**EU 0.2ml 8 TUBE STRIP WITH ATTACHED CAPS**

This EU 0.2ml strip does not need a special means for closure. The optical clear caps are already attached to every single tube of this strip, and they can be opened and closed separately.  
*Material:* PP



Cat. No.	12150
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**SNAPPER CLAMP**

Clamps are made of polyacetal that won't rust or corrode. Snapper clamp size will 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.  
*Material:* Acetal



Cat. No.	12151
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**PINCH CLAMP**

ON/OFF Ratchet clamp fits 5mm to 9.5mm OD tubing  
*Material:* PP Autoclavable



Cat. No.	12152
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**GAS BULB, capacity 25 ml.**  
*Material:* PP



Cat. No.	12153
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**SYPHON**



Cat. No.	Size mm
12154/1	60
12154/2	12.5

