

‘MSI’ LABORATORY BOROSILICATE TYPE 3.3
GLASS LOW ALKALI GLASSWARES
W.E.F. ---15.5.2013

1. BEAKER GRIFFIN *low form graduated with spout*

Catalogue No.	Size.ml
10101	10
10152	25
10105	50
10110	100
10115	150
10125	250
10140	400
10150	500
10119	1000
10129	2000

2. B.O.D. BOTTLE

Catalogue No.	Size.ml
22112	125
22130	300

3. BURETTE *with pinch cork*

Catalogue No.	Size.ml
18052	25
18005	50
18010	100

4. BURETTE *with straight bore glass key stopcock*

Catalogue No.	Size.ml
18501	10
18552	25
18505	50
18510	100

5. BURETTE *with screw type Rota flow stopcock with PTFE KEY*

Catalogue No.	Size.ml
18301	10
18352	25
18305	50
18310	100

6. CALCIUM CHLORIDE *plain u tube with side tube*

Catalogue No.	Size.mm
40701	12x100
40702	15x125
40703	18x150

7. CALCIUM CHLORIDE U tube with side tube & stopper

Catalogue No.	Size.mm
40804	12x100
40805	15x125
40806	10x150

8. CENTRIFUGAL TUBE *plain*

Catalogue No.	Size.ml
25401	10
25451	15
25452	25
25405	50

9. CENTRIFUGAL TUBE *Graduated*

Catalogue No.	Size.ml
25501	10
25551	15
25552	25
25505	50

10. CONNECTORS: T,Y,L,& CROSS

Catalogue No.	
26301	

11. CONDENSER LIEBIG *plain*

Catalogue No.	Size.mm
40920	200
40930	300
40940	400
40950	500

12. CONDENSER AIR VERTICAL *with cone*

Catalogue No.	Size.mm
41020	200
41030	300
41040	400

13. CONDENSER LIEBIG *with i/c joint*

Catalogue No.	Size.mm
41120	200
41130	300
41140	400

14. CONDENSER ALLIHN (BULB TYPE) WITH I/C JOINT

Catalogue No.	Size.mm
41220	200
41230	300
41240	400

15. CONDENSER GRAHAM (coil type) with i/c joint

Catalogue No.	Size.mm
41320	200
41330	300
41340	400

16. CONDENSER DOUBLE SURFACE

Catalogue No.	Size.mm
41420	200
41430	300
41440	400

17. CONICAL FLASK GRADUATED

Catalogue No.	Size.ml
30175	5
30101	10
30152	25
30105	50
30110	100
30125	250
30150	500
30119	1000
30129	2000
30139	3000
30129	5000

18. CONICAL FLASK with joint b 24/29

Catalogue No.	Size.ml
30475	5
30401	10
30452	25
30405	50
30410	100
30425	250
30450	500
30419	1000
30429	2000
30439	3000
30459	5000

19. CONICAL FLASK with screw cap

Catalogue No.	Size.ml
30601	50
30610	100
30625	250
30650	500
30619	1000
30629	2000

20. CULTURE TUBE MEDIA with screw cop & rubber liner round bottom

Catalogue No.	Capacity ml	Dia. X Ht. mm
26075	5	15x75
26001	10	15x125
26051	15	15x150
26052	25	18x150
26003	30	25x100
26005	50	25x150
26006	60	25x200

21. CULTURE TUBE MEDIA with screw cop & rubber liner flat bottom

Catalogue No.	Capacity ml	Dia. X Ht. mm
26175	5	16x50
26176	5	18x45
26151	15	25x57
26103	30	25x95
26145	45	25x145

(PTFE LINER FOR CULTURE TUBE Rs 2/- EXTRA)

22. DISTILLATION FLASK ROUND BOTTOM with side tube economy model

Catalogue No.	Size.ml
39005	50
39010	100
39025	250
39050	500
39019	1000

23. DROPPING FUNNEL CYLINDRICAL with drip cone & socket

Catalogue No.	Size.ml
13705	50
13710	100
13725	250
13750	500

24. DROPPING FUNNEL CYLINDRICAL open top rota flow stopcock

Catalogue No.	Size.ml
13505	50
13510	100
13525	250
13550	500

25. DURHAM TUBE BOROSILICATE

Catalogue No.	Description
26201	6x50mm

26. DENSITY BOTTLE (R.D. BOTTLE) with glass stopper

Catalogue No.	Size.ml
21901	10

21952	25
21905	50

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27. DENSITY BOTTLE (R.D.BOTTLE) with TEFLON stopper interchangeable

Catalogue No.	Size.ml
22001	10
22052	25
22005	50

28. FILTER FLASK (BUCKNER FLASK) plain 'heavy for filtration assembly bolt neck

Catalogue No.	Size.ml
39125	250
39150	500
39119	1000

29. FILTER PUMP

Catalogue No.	Description
41501	Filter Pump

30. FLASK VOLUMETRIC FOR SUGAR ESTIMATION 110 ML

Catalogue No.	Description
34101	110ml

31. FLASK VOLUMETRIC with solid stopper

Catalogue No.	Size.ml
34275	5
34201	10
34252	25
34205	50
34210	100
34225	250
34250	500
34219	1000
34229	2000

32. FLASK VOLUMETRIC with hollow or plastic stopper

Catalogue No.	Size.ml
34375	5
34301	10
34352	25
34305	50
34310	100
34325	250
34350	500
34319	1000
34329	2000

33. FLASK FLAT BOTTOM

Catalogue No.	Size.ml
32175	5
32101	10
32152	25
32105	50
32110	100
32125	250
32150	500
32119	1000
32129	2000
32139	3000
32159	5000

34. FLAT BOTTOM FLASK *with joint B 24/29*

Catalogue No.	Size.ml
32275	5
32201	10
32252	25
32205	50
32210	100
32225	250
32250	500
32219	1000
2229	2000
32239	3000
32259	5000

35. FUNNEL

Catalogue No.	Size.mm
13050	50
13065	65
13075	75
13010	100
13012	125
13015	150

36. FUNNEL POWDER SHORT STEM

Catalogue No.	Size.mm
13150	50
13165	65
13175	75
13110	100
13112	125
13115	150

37. GOOCH CRUCIBLE G-1/G-2/G-3/G-4/G-5

Catalogue No.	Size.ml
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44002	15
44003	30
44005	50

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38. GAS WASHING BOTTLE

Catalogue No.	Size.ml
21212	125
21225	250
21250	500

39. IODINE FLASK WITH STOPPER

Catalogue No.	Size.ml
30510	100
30525	250
30550	500
30519	1000

40. KIPPS APPARATUS

Catalogue No.	Size.ml
40325	250
40350	500
40319	1000

41. KJELDAHL FLASK *plain*

Catalogue No.	Size.ml
39305	50
39310	100
39330	300
39350	500
39380	800

42. KJELDAHL FLASK *with socket (joint)b-24*

Catalogue No.	Size.ml
39405	50
39410	100
39430	300
39450	500
39480	800

43. MANOMETER ON STAND

Catalogue No.	Description
41701	18" glass mounted on wooden stand

44. MEASURING CYLINDERS *with round base*

Catalogue No.	Size.ml
11675	5
11601	10
11652	25
11605	50

11610	100
11625	250
11650	500
11619	1000
11629	2000

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45. MEASURING CYLINDERS *with hexagonal base*

Catalogue No.	Size.ml
11475	5
11401	10
11452	25
11405	50
11410	100
11425	250
11450	500
11419	1000
11429	2000

46. NESSLERS CYLINDER

Catalogue No.	Size.ml
11705	50
11710	100

47. PETRI DISH

Catalogue No.	Size.mm
12150	50
12175	75
12110	100

48. PIPETTE GRADUATED (MOHR TYPE)

Catalogue No.	Size.ml
19241	0.1
19242	0.2
19245	0.5
19271	1.0
19272	2.0
19275	5.0
19201	10.0
19202	20.0
19252	25.0
19205	50.0

49. PIPETTE VOLUMETRIC ONE MARK (BULB TYPE)

Catalogue No.	Size.ml
19071	1.0
19072	2.0
19075	5.0
19001	10.0
19002	20.0
19052	25.0
19005	50.0

50. PIPETTE FOR MILK TESTING 10.75 BULB TYPE

Catalogue No.	Description
19401	10.75ml

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51. PIPETTE FOR MILK TESTING BACTERIOLOGICAL GRD

Catalogue No.	Size
19501	1.1
19502	2.2

52. PIPETTE E.S.R.

Catalogue No.	Description
19601	30cm long

53. PIPETTE ARTIFICIAL INSEMINATION

Catalogue No.	Description
19701	45cm

54. PYKNOMETER

Catalogue No.	Description
41801	Pyknometer

55. REAGENT BOTTLE *narrow mouth with solid glass stopper*

Catalogue No.	Size ml.
20606	60
20612	125
20625	250
20650	500
20619	1000
20629	2000

56. REAGENT BOTTLE *wide mouth*

Catalogue No.	Size ml.
20806	60
20812	125
20825	250
20850	500
20819	1000
20829	2000

57. REAGENT BOTTLE WIDE MOUTH BLUE SCREW CAP AND RUBBER LINES

Catalogue No.	Size ml.
21601	60
21612	125
21625	250
21650	500
21619	1000
21629	2000

58. ROUND BOTTOM FLASK

Catalogue No.	Size ml.
33175	5
33101	10
33152	25
33105	50
33110	100
33125	250
33150	500
33119	1000
33131	2000
33139	3000
33150	5000

59. ROUND BOTTOM FLASK *with joint b 24/29*

Catalogue No.	Size ml.
33275	5
33201	10
33252	25
33205	50
33210	100
33225	250
33250	500
33219	1000
33229	2000
33239	3000

60. SEPARATING FUNNEL *with screw type PTFE KEY Rota flow stopcock*

Catalogue No.	Size ml.
13212	125
13225	250
13250	500
13219	1000

61. SEPARATING FUNNEL *with glass key stopcock*

Catalogue No.	Size ml.
13312	125
13325	250
13350	500
13319	1000

62. STAL GANOMETER

Catalogue No.	Description
42001	Stal ganometer

-11-**63. STOPPERS INTERCHANGEBLE HOLLOW**

Catalogue No.	Size
42101	B-10
42102	B-12
42103	B-14
42104	B-19
42105	B-24
42106	B-34

64. STOPPERS INTERCHANGEBLE SOLID

Catalogue No.	Size
42201	B-10
42202	B-12
42203	B-14
42204	B-19
42205	B-24
42206	B-34

65. SOXLETTE EXTRACTION APPARATUS

Catalogue No.	Size ml.
42306	60
42310	100
42320	200
42340	400

66. TEST TUBE HIGH BOROSILICATE GLASS MACHINE MADE

Catalogue No.	Dia. X Ht. mm.
25801	10x75
25802	12x75
25803	12x100
25804	15x125
25805	15x150
25806	18x150
25807	25x150

67. THIELE'S TUBE (*melting point tube*)

Catalogue No.	Dia. X Ht. mm.
25901	18x150
25902	25x150

68. THISTLE FUNNEL

Catalogue No.	Size ml.
13401	CUP TYPE
13402	BULB TYPE

69. VISCOMETER

Catalogue No.	Description
42401	Viscometer

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70. WEIGHING BOTTLE *tall form*

Catalogue No.	Dia. X Ht. mm.
22301	25x60
22302	30x65
22303	40x90

71. WEIGHING BOTTLE *squat form*

Catalogue No.	Dia. X Ht. mm.
22401	50x25
22402	50x30
22403	60x30

72. WOULF BOTTLE

Catalogue No.	Size ml.
21425	250
21450	500

73. MELTING POINT CAPILLARY

Catalogue No.	Description
50125	100 Pcs

74. SLIDE

Catalogue No.	Description
50225	Ground Edges 75x25mm
50226	One Cavity(Pkt 10 Pcs)
50227	Two Cavity (Pkt 10 Pcs)
50228	Three Cavity (Pkt 10 Pcs)
50229	Blood Smear Slides(Pkt 10 Pcs)

75. COVER SLIP

Catalogue No.	Size,mm
50325	Round 18,19,22,24
50326	Square 18,19,22,24,25
50327	Rectangular 22x25,22x40
50328	Hemocytometer 20x25

76. DESSICATOR PLAIN

Catalogue No.	Dia.mm
50425	100
50426	120
50427	160
50428	210

50429	240
50430	300

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77. DESSICATOR VACUUM

Catalogue No.	Dia.mm
50525	160
50526	210
50527	240
50528	300

78. CHEMICAL THERMOMETER (MERCURY FILLED)

Catalogue No.	Range
50625	0-50 Deg C
50626	-10-110 Deg C
50627	0-150 Deg C
50628	0-250 Deg C
50629	0-360 Deg C
50630	0-220 Deg F
50631	0-80 Deg R

79. CHEMICAL THERMOMETER ZEAL ENGLAND (MERCURY FILLED)

Catalogue No.	Range
50725	0-50 Deg C
50726	-10-110 Deg C
50727	0-150 Deg C
50728	0-250 Deg C
50729	0-360 Deg C
50730	Max. Min Thermometer
50731	Wet & Dry Thermometer

80. THERMOMETER

Catalogue No.	Description
50825	Max.Min.Superior Quality
50826	Wet & Dry Superior Quality
50827	Wall 20cm
50828	Wall 40cm
50829	Clinical

81. SILICA CRUCIBLE WITHOUT LID

Catalogue No.	Size ml.
50925	15
50926	25
50927	50
50928	80
50929	100

50930	150
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82. SILICA CRUCIBLE WITH LID

Catalogue No.	Size ml.	Price
51025	15	350.00
51026	25	400.00
51027	50	620.00
51028	80	1275.00
51029	100	1500.00
51030	150	2050.00

83. CRUCIBLE TONG

Catalogue No.	Description	
51125	6"MS,CP	
51126	6"SS	
51127	8"MS,CP	
51128	8"SS	
51129	12"MS,CP	
51130	12"SS	
51131	18"SS	
51132	24"SS	
51133	12"SS Tong for Flask	
51134	12"SS Tong for Beaker	

84. CORK BORERS

Catalogue No.	Description	
51225	3, Heavy Pattern	
51226	6, Heavy Pattern	
51227	12, Heavy Pattern	

85. TEST TUBE HOLDER

Catalogue No.	Description	
51325	Crome Plated	

86. SPATULA S.S

Catalogue No.	Size Inches	
51425	4	
51426	6	
51427	8	
51428	10	
51429	12	

87. BRUSH

Catalogue No.	Description	
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51525	Test Tube	
51526	Bottle Small	
51527	Bottle Large	
51528	Burette	

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88. LAB.ESSENTIAL

Catalogue No.	Description	
51625	Aluminium Foil 9 Mtr.Roll	
51626	Aluminium Foil 1 Kg.	
51627	Tissue Paper 2 Ply	
51628	Apron Coat Cotton White	
51629	Wire Gauge	
51630	COTTON Non Absorbant (500gm)	
51631	Needles	
51632	Scissor 4" S.S	
51633	Scissor 6" S.S	
51634	Scissor 8" S.S	
51635	Scissor 10" S.S	
51636	Scissor 12" S.S	
51637	Forcep 4" S.S	
51638	Forcep 6" S.S	
51639	Forcep 8" S.S	
51640	Forcep 10" S.S	
51641	Forcep 12" S.S	

89. MINI QUARTZ DISTILLER *Standard Panel Series Improved Models*

Larger Boiling space resulting in more balanced boiling Better quality of distillate
 Better condensing area-Cooler distillate temperature
 Larger Quartz sheath, hence easy of replacement of heater element in case of burn out.
 Rust proof sturdy Aluminium Stand as base.
 Ring Clamp with seating to house the Quartz Boiler.
 Condenser clamp facilitates telescopic adjustments and helps in perfect alignment of the system and installation of the equipment

Advantages

The distiller along with the specially designed borosilicate/ quartz condenser (optional) is absolutely Thermal Shock proof-a property well known of Fused Quartz.
 The Design of the equipment renders it compact and portable. The boiler has a drain vent to ensure in-situ cleaning of the boiler. The MQD-Panel Series yields ample distilled water for use in laboratory. The equipment can be effectively used for distilling water. The boiler is made of Electronic Grade Quartz and Options for Condenser are Borosilicate/ Quartz

Advanced Features:

Pyrogen free.
 Free of heavy metals.
 Designed for pollution free distillate.
 INSTANT distilled water flow. Switch on time less than a minute.
 Quartz Boiler (SiO₂) is chemically inert to most solvents and acids, hence purer distillate.
 No heat loss in the boiler, hence saves electrical power. High performance with low maintenance.
 Safety Cut-out (Optional at extra cost)

Technical Specifications:- MQD-PANEL SERIES QUARTZ: BOILER & BOROSILICATE: Condenser

Catalogue No.	Output Capacity (Approx.)	Power Rating (Approx.)	Cooling Water Consumption (Approx.)	
20123B	1ltrs/hr	1KW	25ltrs/hr	
20124B	2ltrs/hr	1.65KW	35ltrs/hr	
20125B	3ltrs/hr	2.4KW	45ltrs/hr	
20126B	4ltrs/hr	3KW	50ltrs/hr	
20127B	5ltrs/hr	4KW	65ltrs/hr	
20128B	8ltrs/hr	6KW	65ltrs/hr	
20129B	10ltrs/hr	8KW	65ltrs/hr	

MQD-PANEL SERIES-QUARTZ: Boiler & QUARTZ: Condenser

Catalogue No.	Output Capacity (Approx.)	Power Rating (Approx.)	Cooling Water Consumption (Approx.)	
20123Q	1ltrs/hr	1KW	25ltrs/hr	
20124Q	2ltrs/hr	1.65KW	35ltrs/hr	
20125Q	3ltrs/hr	2.4KW	45ltrs/hr	
20126Q	4ltrs/hr	3KW	50ltrs/hr	
20127Q	5ltrs/hr	4KW	65ltrs/hr	
20128Q	8ltrs/hr	6KW	65ltrs/hr	
20129Q	10ltrs/hr	8KW	65ltrs/hr	

90. ALL QUARTZ DOUBLE DISTILLER

The new all Quartz Double Distiller has been redesigned for better performance keeping in view customer requirements. It is now more compact with a more balanced boiling. The new model render better performance and improved quality of distillate

Special Advantages of New Demountable Model:

Extremety easy cleaning of the first boiler since the boiler can be dismantled from the Main Unit.

The Ball & Socket has been precision ground for perfect matching and interchangeability Boilers (Vertical type) and Condensers (Vertical type) have larger boiling space resulting in more balanced boiling and better quality of distillate.

Larger condensing area. Hence cooler distillate.

More compact and easy for servicing

Dual safety cutout required only for standard models.

Provision for single distillation

Double Distillate Quality

Specific Conductivity	:	0.1-0.5 uS/cm
Total Solids	:	0.1mg/ltr
Silica	:	<0.01mg/ltr
KmnO ₄ Color retention	:	60 minutes
UV Absorbance at 254 nm	:	0.007
TOC	:	Not detected
Endo toxin	:	<0.25 Eu/ml

Yeast & Mould	:	Zero
Total Plate Count	:	Zero
Standard Plate Count	:	Zero
Distillate Quality	:	Pyrogen Free
Organic Matter	:	NIL
(Standard Test Conditions Apply) – Treated water used.		

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AQQD-PANEL SERIES-QUARTZ: Boiler QUARTZ: Condenser

Catalogue No.	Output Capacity (Approx.)	Power Rating (Approx.)	Cooling Water Consumption (Approx.)	
Q-20101	1 ltrs/hr	2KW	40 ltrs/hr	
Q-20102	1.5 ltrs/hr	2.75KW	50 ltrs/hr	
Q-20103	2 ltrs/hr	3.5KW	65 ltrs/hr	
Q-20104	2.5 ltrs/hr	4.5KW	70 ltrs/hr	
Q-20105	3 ltrs/hr	5KW	100 ltrs/hr	
Q-20106	4 ltrs/hr	6KW	120 ltrs/hr	
Q-20107	5 ltrs/hr	7KW (2 Phase)	150 ltrs/hr	
Note on pH: Because of difficulties associated with measurement of pH value of high purity water and the doubtful significance of the value obtained, Limits for the pH values are not mentioned for Grade I and Grade 2 Water				

91. Automatic – Cabinet Water Still (Glass/Quartz)

Bhanu now presents Distil-On series of Automatic Cabinet Water Stills for trouble free distillation in the laboratory. The Distil-On provides Ultra high purity water for demanding applications in laboratory tissue culture work. The Distil-On stills incorporates several safety devices for automatic operation for use in hospitals and labs. The still Incorporate all Electrical Safety standards IEC 61010 High quality, low temperature output All Distil-On stills are manufactured either from high quality PYREX (R) Brand Borosilicate Glass incorporating a high quality double coil condenser and boiler system, or using GE 214 Semiconductor Grade Quartz for the double coil condenser and boiler system combined with a silica glass sheathed heating element which provides a high quality pyrogen free output with conductivity < 0.4uS/cm for Quartz distillation Models. Features: Flow Control Saftey – enable you to use Distil-On under low pressure sources , a condition in which other stills cannot operate A Gate Valve – to prevent wastage of cooling water in the event of power failure. Level Semsor – A level sensor is incorporated for the safety of Boiler, in the event of on water in the boiler Reservoir Level Sensor – Incorporated for automatic operation of the still
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CABINAT STILL (BOROSILICATE GLASS : Boiler and Condenser)

Catalogue No.	Output ltrs/hr	pH(approx)	Conductivity uS/cm* (approx)	Cooling water input for condenser (approx)	
Q-20212	2 Single Dist.	5.5-6.0	1.0-2.0	2ltrs/min	
Q-20213	2 Double Dist.	6.0-7.0	0.8-1.0	2ltrs/min x 2 Input	

Q-20214	4 Single Dist.	5.5-6.0	1.0-2.0	2ltrs/min	
Q-20215	4 Double Dist.	6.0-7.0	0.8-1.0	2ltrs/min x 2 Input	

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CABINET STILL (QUARTZ: Boiler and QUARTZ: Condenser)

Catalogue No.	Output ltrs/he	Quality of dist.	pH(approx)	Conductivity uS/cm* (approx)	Cooling water input for condenser (approx)	
Q-20153	2 Single Dist.	Grade II	5.0-8.0	0.5-0.8	2ltrs/min	
Q-20154	2 Double Dist.	Grade II		0.1-0.5	2ltrs/min x 2 Input	
Q-20155	4 Single Dist.	Grade II	5.0-8.0	0.5-0.8	2ltrs/min	
Q-20156	4 Double Dist	Grade II		0.1-0.5	2ltrs/min x 2 Input	

92. MODEL BASIC/PH4

Water still – BASIC/PH4 model are designed for reliable operation incorporating a host of features unmatched by comparable stills. It is easy to use, safe to operate, thoroughly reliable and above all Low Cost.

Features:

Abundant Output. The still provides , 4 litres/hr of distilled water produced through a power input of 3 KW by a chromium plated heater housed in a horizontal Glass Boiler Distilled output is cool ensured by a high efficiency condenser. Temperature of distillate 25 °C – 40 °C tested for ambient room temperature of 30 °C

All units carry CE Marking

Distillate Quality

Ideal for general Laboratory use – capable of producing pyrogen free water.

Water Still BASIC/PH4 and XL model

Output	:	4 lit/hr
Conductivity (using raw water)	:	3.0 – 4.0 uS/cm
Conductivity (using treated water)	:	1.5 – 2.0 uS/cm
PH	:	5.5 – 6.0
Distillate quality	:	Pyrogen free

Construction:

The stand is powder coated for long rust free Operation.

Heater is a 3 KW Chromium plated heater fitted with a **Thermostat** which shuts automatically in case of water supply failure.

The Boiler & Condenser are designed for **high efficiency** and provided with threading for easy plumbing of condenser

Boiler is provided with **Teflon screw** cork for insitu cleaning of the boiler

All plumbing connections to the equipment are made via **screw thread connectoes**

BASIC PH4 Pure Hit Still/ EDU-Still

Catalogue No.	Description	
BG-20201	Single	
BG-20201	Double	

93. SAFETY CUT-OUT

The Safety Cut-Out is used along with the Water Distillation unit to protect the distiller during water supply failure. It cuts off the power supply in two cases.

In case of water failure to condenser, the power supply to the unit is cut-off automatically, by means of Flow Switch

In case of water failure to the boiler, the power supply to the unit is cut off automatically, by means of Thermostat (Sensor Probe)

Note:

Safety Cut-out (SCM-1) is used for lower capacity models (1-3 lit)

Safety Cut-out (SCM-2) is used for higher capacity models (4 lit & above) also would require 2-phase supply.

Models Available: SCM-1, SCM-2

Catalogue No.	
20210	
20311	

94. WATER CIRCULATOR

Water Circulator can be used with any of the distillation units. The hot water coming out of the condenser outlet is usually led to the sink. With the use of Water circulator, the hot water is cooled using a high efficiency cooling coils/ fins via a heat exchanger and pumped back to the condenser inlet.

Advantages:

Unit can be table mounted

Power consumption is minimal

Available in models:

BSIC/WC1 = Suitable for total load of 3 KW

BSIC/WC2 = Suitable for total load of 5 KW

Available in models

Catalogue No.	Description	
20317	upto 2ltrs/hr Single	
20318	upto 4-5ltrs/hr Single	

95. AQUA SOFT WATER SOFTENER SERIES

Aqua Soft up-flow Water Softener softens the hard water and provides good quality water for use in laboratories and in various chemical, pharmaceutical and food industries

Description:

Aqua Soft water softeners are based on Ion exchange Technology and consists of a specially imported resin. The charged resin removes all the calcium and magnesium ions in hard water and the soft water thus obtained has hardness less than 5 ppm as CaCO_3 .

The specially designed **multiport valve** takes care of service regeneration and rinsing. When the resin is exhausted, it has to be regenerated with sodium chloride solution.

Features:

Specially imported resin

Multiport valve for ease of operation

Highly softened water with less than 5 ppm of hardness as CaCO_3

Service and regeneration made easy due to multiport valve
 Light weight polyethylene vessel , for easy setup.
 Fully automatic and semi-automatic are also available.

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Specifications:

Model No.	Min. Pressure Kg/cm ²	Mix. Pressure Kg/cm ²	Mix. Flow rate Ltr/hr	Output Bet. Reg. (lts.)	
AS 600	0.5	2.5	300	600	
AS 1200	2.0	3.5	600	1200	
AS 1.8K	2.0	3.5	900	1800	
AS 3.6K	2.0	3.5	1500	3600	
AS 6.6K	2.0	3.5	3000	6600	
AS 9.6K	2.0	3.5	3500	9600	

96. REVERSE OSMOSIS PLANTS

Reverse Osmosis Plants (RO Plants) incorporated the latest RO Membrane technology to remove and reject a wide spectrum of impurities from water. It improves the quality and taste of drinking water

The raw water from tap first flows into a 5- micron filter to remove dirt, dust etc. then to a carbon cartridge filter which takes out chlorine and organic chemicals then to a antiscalant cartridge. The filtered water is finally forced through a semi permeable membrane having a pore size of 0.0001 – micron size which rejects bacteria and harmful dissolved impurities

Additional:

Suitable for Domestic purposes

PURE WATER SYSTEM

In pure water system

First stage:- Spun poly propylene cartridge is used to remove suspended micron particles.

Second stage:- Granular Activated carbon cartridges to take care of colors, smell, organic matter and free chlorine.

Third stage:- Antiscalant consumable cartridges used to remove Calcium and Magnesium Hardness which safe guards the life of R.O. Membrane.

Fourth stage:- Semi permeable R.O. Membrane having micron of 0.0001 to give treated R.O. water for drinking.

Bhanu Pure Water Incorporates the latest R.O. Membrane technology for purification

Specifications:

Power Required : 230V AC
 Salt Rejection : 90 – 95%
 Recovery : 10 – 60%
 Pressure : 6 – 10Kg/cm²

Applications:

Pure water system is suitable for:

As feed to distillers

As pretreatment to DM Plant / Mixed Plant

General Laboratory Applications

Catalogue No.	
30148	
30149	

‘MSI’ LABORATORY PORCELAIN WARES
W.E.F. ---15.5.2013

1. PORCELAIN EVAPORATING BASINS

Cat. No	Diameter in mm	Capacity in ml	
1204A	50	30	
1204B	60	40	
1204C	75	100	
1204D	85	125	
1204E	100	175	
1204F	110	250	
1204G	125	350	
1204H	150	650	
1204I	175	800	
1204J	200	1000	
1204K	250	2000	
1204L	300	4000	
1204M	350	6500	
1204N	400	14000	
1204O	450	20000	

2. HIRSCH FUNNELS

[With Fixed Perforated Plates, All Glazed]

Cat. No	Size in mm	
1206A	25.0	
1206B	37.5	
1206C	50.0	
1206D	75.0	
1206E	100.0	

3. BUCHNER FUNNELS

[With Fixed Perforated Plates, All Glazed]

Cat. No	Size in mm	
1208A	35	
1208B	50	
1208C	60	
1208D	75	

1208E	85	
1208F	100	
1208G	125	
1208H	150	
1208I	200	
1208J	250	
1208K	300	

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4. CASSEROLES

[With Lid and Porcelain Handle]

Cat. No	Diameter in mm	
1210A	50	
1210B	75	
1210C	100	
1210D	150	

5. PORCELAIN CRUCIBLES

[Squat Form or Tall Form-Glazed]

Cat. No	Capacity in ml	
1212A	5 (without lid)	
1212B	10 (with lid)	
1212C	15 (with lid)	
1212D	18 (with lid)	
1212E	25 (with lid)	
1212F	30 (with lid)	
1212G	50 (with lid)	
1212H	80 (with lid)	
1212I	100 (with lid)	
1212J	150 (with lid)	
1212K	200 (with lid)	
1212L	250 (with lid)	

6. GOOCH CRUCIBLES

**[Tall Form, Fixed Perforated Bottom,
All Glazed except Outer Bottom, Without Lids]**

Cat. No	Capacity in ml	
1214A	20	
1214B	25	
1214C	30	
1214D	40	
1214E	50	
1214F	100	
1214G	200	

7. SPARE LIDS FOR CRUCIBLES

Cat. No	Size	
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1216A	For 5 ml Crucibles	
1216B	For 10 ml Crucibles	
1216C	For 15ml Crucibles	
1216D	For 18 ml Crucibles	
1216E	For 25 ml Crucibles	
1216F	For 50 mlCrucibles	

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8. PLATES FOR DESSICATORS

[One Side Glazed, without Feet, with Holes]

Cat. No	Size	
1218A	For 100 mm Dessicator	
1218B	For 125 mm Dessicator	
1218C	For 150 mm Dessicator	
1218D	For 200 mm Dessicator	
1218E	For 250 mm Dessicator	
1218F	For 300 mm Dessicator	

9. PESTLES AND MORTARS

[Outside Glazed]

Cat. No	Outside Size in mm	
1220A	60	
1220B	75	
1220C	85	
1220D	100	
1220E	115	
1220F	125	
1220G	150	
1220H	175	
1220I	200	
1220J	250	
1220K	300	
1220L	350	

10. MERCURY TROUGH

Cat. No	Shape	
1222A	Round form	
1222B	Oval form	

11. BEEHIVE SHELVES [Glazed]

Cat. No	Size in mm	
1224A	60	
1224B	75	
1224C	85	

1224D	100	
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12. POROUS POTS (Refractory) [Empty]

Cat. No	Height in mm	Diameter in mm	
1226A	75	35	
1226B	100	25	
1226C	150	50	
1226D	150	60	

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13. POROUS PLATES (Refractory)

Cat. No	Height in mm	Diameter in mm	
1228A	25	100	
1228B	25	125	
1228C	25	150	

14. POROUS POTS (Filled)

Cat. No	Size in mm	
1230A	150x50-Ordinary Quality	
1230B	Export Quality	

15. CLAY PIPE TRIANGLES (Refractory)

Cat. No	Size in mm	
1232A	50	
1232B	60	
1232C	75	

16. CLAY PIPES (Refractory)

Cat. No	Size in mm	
1234A	50	
1234B	60	
1234C	75	

17. COMBUSTION BOATS

[Glazed or Unglazed Refractory Porcelain]

Cat. No	Size in mm	
1236A	80x12x10	
1236B	90x12x11	

18. INHALERS- DR. NELSON TYPE [All Glazed]

Cat. No	Size in ml	
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1238A	750 (Without Cork and Tube)	
1238B	750 (Without Cork and Tube)	
1238C		
1238D		

19. SPOTTING PLATES (One Side Glazed)

Cat. No	Size	
1240A	6 Depressions	
1240B	12 Depressions	

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20. FILTER DISCS

Cat. No	Diameter in mm	
1242A	25	
1242B	20-23	

21. ACID BOWLS

Cat. No	Size in mm	
1244A	100	
1244B	125	
1244C	150	

22. MOTH CRUSHING SET

Cat. No		
1246A	With Ten Pestles, All Glazed	
1246B		