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Short Path Distillation Kit, 10L

This kit contains essential components for short path distillation. All glass parts are manufactured from high quality 3.3 borosilicate glass.

Short Path Distillation Head (two included in the kit) with 24/40 flask joints features a condenser coil and three ¼" hose nozzles, two for condenser and one for vacuum.

The cow-type Distillation Receiver (two included in the kit) has one 24/40 outer joint and three 24/40 inner joints that can be used to attach up to three 2000ml Single Neck round bottom evaporating flasks (six included in the kit).

The 10000ml round bottom 3-Neck flask includes 24/40 outer joints to accept the two included Distillation Heads. The center 24/40 joint holds the included Thermometer Inlet Adapter using a 10/30 port.

Penny Head Glass Stoppers (four included in the kit) are used to cap the 2000ml Single Neck round bottom flasks after distillate is collected.

PLEASE NOTE: Lab Jacks, Support Stands, Flask Stands, and Extension Clamps with Bosshead are not included in this kit.

Contents:
1. Short Path Distillation Head, Vacuum Jacketed, 24/40, 34/45 2
2. Flask, Round Bottom, 3-Neck 10000ml 24/40, 34/45. 1
3. Distillation Receiver, Cow-Type, 250ml, 1-to-3, 24/40. 2
4. Clamp for Jointed Glassware, Plastic, size 24 8
5. Clamp for Jointed Glassware, Plastic, size 34 2
6. Adapter Inlet, Thermometer, 24/40 1
7. Flask, Evaporating, Single Neck, 2000ml, 24/40 6
8. Stopper, Glass, Penny Head, 24/40 (not shown in photo) 4

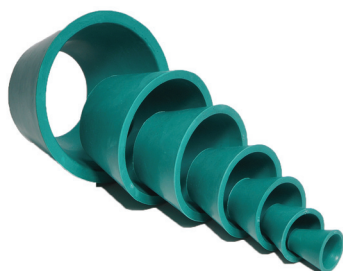| Item No.	Description
1139C58	Short Path Distillation Kit, 10L

Filtering Bottles, Borosilicate Glass

With thick glass walls and sturdy construction, these bottles/flasks are perfect for filtering large volumes of liquid. The thick walls and design enable these flasks to withstand vacuum filtration without imploding. Accuracy of +/- 5%. Neck size fits a #13 rubber stopper. The hose barb has an O.D. of 1/2".

Item No.	Capacity (ml)	Grad. Range (ml)	Grad. Interval (ml)	Quantity per pack	Quantity per case
1156F84	10000	2000-8000	1000	1	1
1139C55	20000	4000-16000	2000	1	1

Buchner Funnels, Porcelain

Porcelain Buchner funnels include fixed perforated plates. Funnels are glazed on inner and outer surfaces except for the rims.

Item No.	Approx. Capacity (ml)	Top Dia. x Height (mm)	For Filter Paper Size (cm)	Quantity per pack
1201U74	3	20 x 66	1.3	1
1201U75	35	50 x 91	4	1
1201U76	100	65 x 103	5.5	1
1201U77	200	86 x 140	7	1
1201U78	350	105 x 162	9	1
1201U79	600	127 x 194	11	1
1201U80	800	143 x 200	12.5	1
1201U81	1150	172 x 220	15	1
1201U82	2000	210 x 272	18	1
1201U83	4800	270 x 352	24	1

Filter Adapter Set, Synthetic Rubber

Set of seven synthetic rubber adapter cones designed to fit Buchner and fritted glass funnels, porcelain filters without headpieces, and for reverse flow cleaning of filter crucibles. Adapters can be used to support funnels, Gooch crucibles, filter tubes, and other apparatus in filtration assemblies. These adapters are functional even if not tightly fitted around the funnel stem. Can be used individually or nested with adjacent sizes. Provide an excellent alternative to boring special size holes in rubber stoppers. Autoclavable.

Item No.	Description
1188G99	Filter Adapter Set of 7, Synthetic Rubber

Buchner Funnel, Table Type

These autoclavable, table type Buchner funnels are ideal for vacuum filtration. Includes a tubulated side outlet and accepts standard filters.

Item No.	Capacity (ml)	Height x Diameter (mm)	Filter Paper Size	Side Outlet O.D.
1139C56	750	60 x 147	125mm	5/8" / 16mm
1139C57	1900	122 x 215	180mm	1" / 25mm

Winterization Labware Kits

Each convenient package includes a filtering flask, buchner funnel, filter adapter set, and medium flow filter paper. Filtering flasks are constructed using heavy wall borosilicate and include a thick rim and hose barb. The 10,000ml set includes a heavy wall borosilicate filtering bottle with hose barb. Filter paper has medium porosity and flow rate. Circular filters are packaged 100 per box.

Item No.	Description
1139C59	Winterization Labware Kit, 2000ml
1139C60	Winterization Labware Kit, 5000ml
1139C61	Winterization Labware Kit, 10000ml

1139C60 5000ml Winterization Labware Kit Contents:

1. Filtering Flask, Borosilicate Glass, 5000ml 1
2. Buchner Funnel, Porcelain, 4800ml 1
3. Filter Adapter Set of 7, Synthetic Rubber 1
4. Filter Paper, Medium Porosity/Flow, 24cm circle, pk/100. 1

1139C61 10000ml Winterization Labware Kit Contents:

1. Filtering Bottle, Borosilicate Glass, 10000ml. .1
2. Buchner Funnel, Porcelain, 4800ml 1
3. Filter Adapter Set of 7, Synthetic Rubber 1
4. Filter Paper, Medium Porosity/Flow, 24cm circle, pk/100. 1

1139C59 2000ml Winterization Labware Kit Contents:

1. Filtering Flask, Borosilicate Glass, 2000ml 1
2. Buchner Funnel, Porcelain, 2000ml 1
3. Filter Adapter Set of 7, Synthetic Rubber 1
4. Filter Paper, Medium Porosity/Flow, 18cm circle, pk/100. 1

Desktop Winterization Labware Kits

Each convenient package includes a table type buchner funnel, neoprene stopper, medium flow filter paper, food grade tubing, radiator clamps and a coupler. The tubing has a temperature range of -40° to 125 °F and it meets FDA standards and NSF 51. Our Desktop Winterization Labware Kit is available in three options: without glassware, with a 5000ml filtering flask or a 10,000ml filtering bottle. The filtering flask is is constructed using heavy wall borosilicate glass and includes a thick rim and hose barb. The 10,000ml set includes a heavy wall borosilicate filtering bottle with hose barb. The table type buchner funnel is made of porcelain. Filter paper has medium porosity and flow rate. Circular filters are packaged 100 per box.

Item No.	Description
20A00H753	Desktop Winterization Labware Kit, without Glassware
20A00H754	Desktop Winterization Labware Kit, 5000ml
20A00H755	Desktop Winterization Labware Kit, 10000ml

20A00H754 5000ml Desktop Winterization Labware Kit Contents:
1. Filtering Flask, Borosilicate Glass, 5000ml 1
2. Buchner Funnel, Table Type, Porcelain, 1900ml. 1
3. Food Grading PVC Tubing, 60" long, 1" ID x 1 1/4" ID x 1/8" Wall . .5
4. Filter Paper, Medium Porosity/Flow, 18cm circle, pk/100 1
5. Radiator Clamp. 2
6. Neoprene Stopper, #13, 1" hole 1
7. Coupler, 3/4" ID 1

20A00H755 10000ml Desktop Winterization Labware Kit Contents:
1. Filtering Bottle, Borosilicate Glass, 10000ml 1
2. Buchner Funnel, Table Type, Porcelain, 1900ml. 1
3. Food Grading PVC Tubing, 60" long, 1" ID x 1 1/4" ID x 1/8" Wall . .5
4. Filter Paper, Medium Porosity/Flow, 18cm circle, pk/100 1
5. Radiator Clamp. 2
6. Neoprene Stopper, #13, 1" hole 1
7. Coupler, 3/4" ID 1

20A00H753 Desktop Winterization Labware Kit Contents:
1. Buchner Funnel, Table Type, Porcelain, 1900ml. 1
2. Food Grading PVC Tubing, 60" long, 1" ID x 1 1/4" ID x 1/8" Wall . .5
3. Filter Paper, Medium Porosity/Flow, 18cm circle, pk/100 1
4. Radiator Clamp. 2
5. Neoprene Stopper, #13, 1" hole 1
6. Coupler, 3/4" ID 1