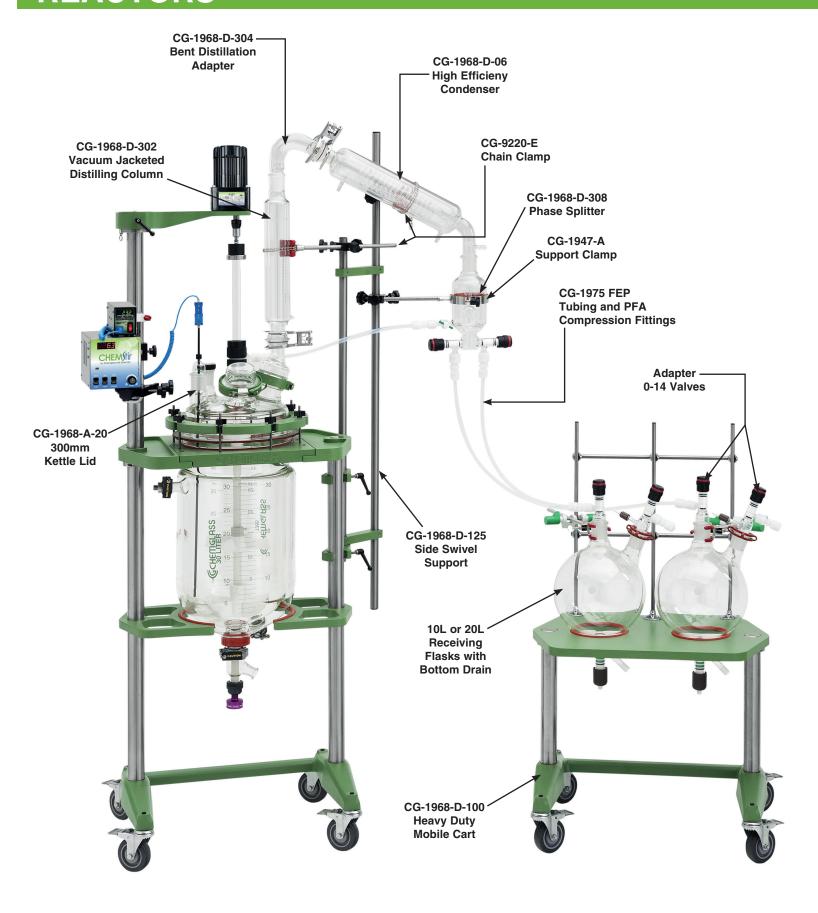
REACTORS



REACTORS

CG-1968-D DISTILLATION CART SYSTEM, FOR 30/50L PROCESS REACTOR SYSTEM, SIDE SHELF Diagonal distillation cart system for Chemglass 30 and 50L reactor systems. Supplied complete with glassware, swivel support assembly and cart system to fit CG-1968-X style frames. The components highlighted in the photo below. This add-on kit makes it easy to convert any of our standard reactors over to a complete distillation system. PLEASE NOTE: REACTOR SYSTEM MUST BE PURCHASED SEPARATELY.

DIAGONAL DISTILLATION CART SYSTEM ADD-ON FOR EXISTING REACTOR SYSTEM:

Part Number	Description	Receiving Flask Capacity	
CG-1968-D-510	Distillation Shelf and Glassware Kit	10L	
CG-1968-D-520	Distillation Shelf and Glassware Kit	20L	

Standard Components Supplied With Distillation Kits: No. Qty Part No. Description							
1 1 CG-1968-A-20 300mm Reaction Kettle Lid, 45/50 Side Neck 2 1 CG-1968-D-300 160° Adapter, 65/40 Polished Socket joint to 80mm Flat Flange 3 1 CG-141-T-10 80mm Quick Release Clamp, PTFE Coated 4 1 CG-147-81 O-Ring, Perflouro, 80mm Flange WHITE 5 1 CG-1968-D-302 Distilling Column, Vacuum Jacketed, 45/50 Outer on Top, 65/40 O-ring ball 6 1 CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Sealed to 65/40 O-Ring Ball 7 1 CG-1968-D-306 High Efficiency Condenser, 65/40 Socket on Top, Angled 45/50 Inner Sealed to 65/40 O-Ring Ball 8 1 CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, 0-14 Valves 9a 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 10L System) 9b 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 10 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner, 1/2" Swagelock, Valve 12 1		Standard Components Supplied With Distillation Kits:					
Center Neck, 3-45/50 Side Neck 2	No.	Qty	Part No.	Description			
Socket joint to 80mm Flat Flange 3	1	1	CG-1968-A-20				
PTFE Coated 4 1 CG-147-81 O-Ring, Perflouro, 80mm Flange WHITE 5 1 CG-1968-D-302 Distilling Column, Vacuum Jacketed, 45/50 Outer on Top, 65/40 O-ring ball 6 1 CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Sealed to 65/40 O-Ring Ball 7 1 CG-1968-D-306 High Efficiency Condenser, 65/40 Socket on Top, Angled 45/50 Inner 8 1 CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, 0-14 Valves 9a 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 10L System) 9b 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 10 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 12 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	2	1	CG-1968-D-300				
WHITE	3	1	CG-141-T-10				
Jacketed, 45/50 Outer on Top, 65/40 O-ring ball 6	4	1	CG-147-81	<i>y y</i>			
Inner Sealed to 65/40 O-Ring Ball 7	5	1	CG-1968-D-302	Jacketed, 45/50 Outer on Top,			
Socket on Top, Angled 45/50 Inner	6	1	CG-1968-D-304	• • •			
0-14 Valves 9a 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 10L System) 9b 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 10 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 12 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	7	1	CG-1968-D-306				
45/50 Outer CN, Angled 45/50 (For 10L System) 9b 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 10 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 12 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	8	1	CG-1968-D-308				
45/50 Outer CN, Angled 45/50 (For 20L System) 10 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 12 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	9a	2	CG-1965-D-225	45/50 Outer CN, Angled 45/50			
Inner joint, 1/2" Swagelock 11 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 12 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	9b	2	CG-1965-D-230	45/50 Outer CN, Angled 45/50			
Inner joint, 1/2" Swagelock 12	10	2	CG-1965-D-210				
1/2" Swagelock, Valve 13 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	11	2	CG-1965-D-215	· · · ·			
Fitting 14 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	12	1	CG-1014-C-03				
Fitting 15 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	13	6	CG-1975-21	·			
20ft Length 1 CG-1975-30 Tubing Cutter 16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	14	2	CG-1975-22	•			
16 4 CG-9253-10 Small Kwik Mount Klamp 17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"	15	1	CG-1975-04				
17 2 CG-9205-E-11 Clamp, Three Prong Extension, Large, Dual Adjust, 1/2" OD x 12"		1	CG-1975-30	Tubing Cutter			
Large, Dual Adjust, 1/2" OD x 12"	16	4	CG-9253-10	Small Kwik Mount Klamp			
18 2 CG-9220-01 Small Chain Clamp	17	2	CG-9205-E-11				
	18	2	CG-9220-01	Small Chain Clamp			

Star	Standard Components Supplied With Distillation Kits (continued):							
No.	Qty	Part No.	Description					
19	1	CG-1947-A100	Clamp, Support					
20	2	CG-2040-C-01	Heavy Duty Clamp Holder, Fit 1/4" to 5/8" Support Rod					
21	2	CG-150-09	#65 Stainless Steel Spherical Clamp					
22	1	CG-145-09	Keck Clamp, Brown, fits 45/50 Joint size, 10/Pkg					
23	1	CG-1968-D-125	Side Swivel Extension Assembly, for Support Stand, Complete					
24	1	CG-1968-D-100	Heavy Duty Mobile Cart, Lattice and Holes for Receiving Flasks					

