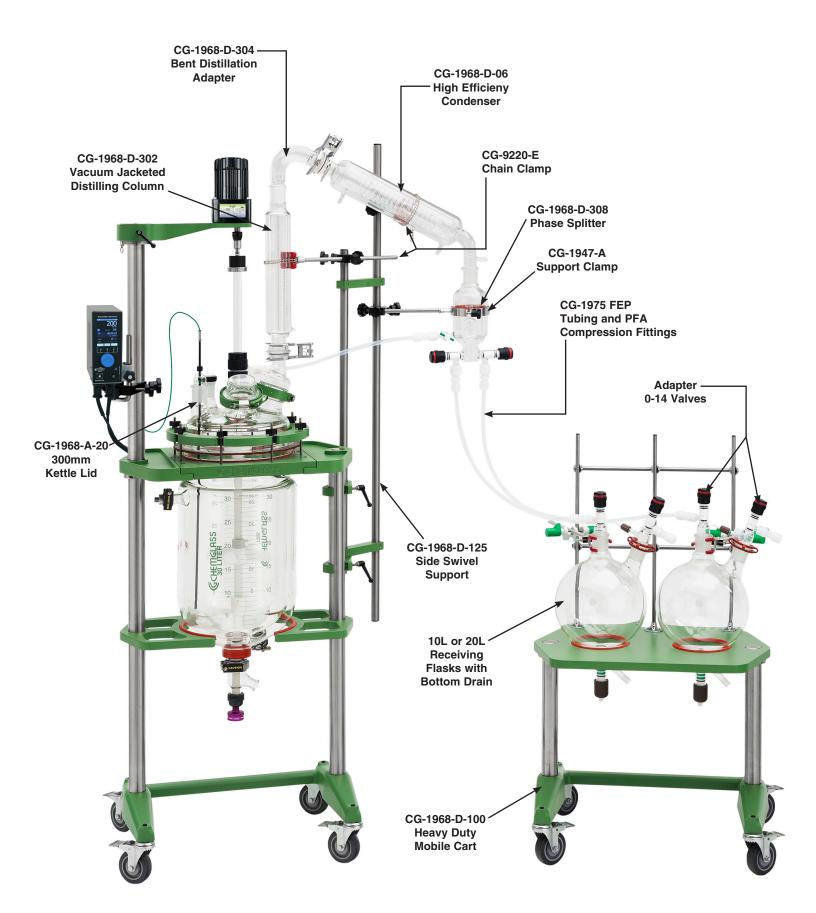
REACTOR DISTILLATION KITS



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:

18

2

CG-9220-01

Small Chain Clamp

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

1 CG-1968-A-20 300mm Reaction Kettle Lid, 45/50, Center Nexk, 3-45/50 Side Neck 2 1 CG-1968-D-300 160° Adapter, 65/40 Polished good to borne Flat Flange WillTE 3 1 CG-141-F1-10 80mm Quick Release Clamp, PTFE Coated 4 1 CG-1968-D-302 Distilling Column, Vacuum Jucketed, 45/50 Outer on Top, 65/40 O-Fing Ball 5 1 CG-1968-D-304 Bert Connecting Adapter, 45/50 Inner, 56/40 O-Fing Ball 7 1 CG-1968-D-304 Bert Connecting Adapter, 45/50 Inner, 56/40 O-Fing Ball 7 1 CG-1968-D-304 Bert Connecting Adapter, 45/50 Inner, 56/40 O-Fing Ball 7 1 CG-1968-D-304 Henceving Flask, 2 Neck, 45/50 Outer on Top, O-14 Valves 6 2 CG-1968-D-306 High Efficiency Condenser, 65/40 O-Fing Ball 7 1 CG-1968-D-306 High Efficiency Condenser, 65/40 O-Fing Ball 7 1 CG-1968-D-306 High Efficiency Condenser, 65/40 O-Fing Ball 8 1 CG-1968-D-306 High Efficiency Condenser, 65/40 O-Fing Ball 9 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Inner, 102° Nagled 65/50 Inner, 102° Nagled 65/50 Inner, 102° Nagledock, Valve 2	Standard Components Supplied With Distillation Kits:			Standard Components Supplied With Distillation Kits (continued):				
Canter Neck, 3-45/50 Side Neck 2 1 CG-1968-D-300 16° Adapter, 65/40 Polished Socket joint 18 Joinm Flat Flange 3 1 CG-141-T-10 80mm Ouick Release Clamp, PTFE Coated 20 2 CG-150-09 #55 Stainless Steel Spherical Clamp Rod 1 CG-147-81 O-Ring, Perflouro, 80mm Flange WHTE O-Ring, Perflouro, 80mm Flange WHTE 21 2 CG-1968-D-125 Side Suivel Extension Assembly, for Support Si Complete 2 1 CG-1968-D-302 Distilling Column, Vacuum Pressention Scaled to 65/50 (For 10L System) 1 CG-1968-D-308 Phase Sphitter, 45/50 Inner, 102 Side O-14 Valves 3 1 CG-1968-D-308 Phase Sphitter, 45/50 Inner, 102 Side O-14 Valves 1 CG-1968-D-220 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 10L System) 1 CG-1965-D-221 Adapter, 0-14rm Valve to 45/50 (For 20L System) 1 CG-1965-D-210 Adapter, 0-14rm Valve to 45/50 (For 20L System) 1 CG-1965-D-210 Adapter, 45/50 Inner, 172" Swagelock, Valve 1 CG-1975-04 90° Inlet Adapter, 45/50 Inner, 172" Swagelock, Valve 1 CG-1975-04 91° Inlet Adapter, 45/50 Inner, 172" Swagelock, Valve 1 CG-1975-04 91° It holing Cutter 4 2 CG-1975-04	No.	Qty	Part No.	Description	No.	Qty	Part No.	Description
Prod Rod Bod Reck Clamp, Brown, fits 45/50 Jointer, 65/40 O-ring Ball Bod CG-1968-D-304 Bent Connecting Adapter, 45/50 Inter Bod CG-1968-D-308 Phase Splitter, 45/50 Inter Bod CG-1965-D-220 20 Liter Receiving Flask, 2 Neck, 45/50 Inter foint, 127 Swagelock Rod Bod CG-1965-D-210 Adapter, 0-14rm Valve to 45/50 Inter foint, 127 Swagelock Rod Rod Bod <th< td=""><td>1</td><td>1</td><td>CG-1968-A-20</td><td></td><td></td><td>1</td><td>CG-1947-A100</td><td>Clamp, Support</td></th<>	1	1	CG-1968-A-20			1	CG-1947-A100	Clamp, Support
3 1 CG-141-T-10 80mm Quick Release Clamp. 1 1 CG-147-81 O-Ring, Perflouro, 80mm Flange 1 1 CG-147-81 O-Ring, Perflouro, 80mm Flange 1 1 CG-1968-D-302 Distilling Column, Vacuum Jacketed, 45/50 Outer on Top, 65/40 O-ring ball 3 1 CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Saled to 65/40 O-Ring Ball 3 1 CG-1968-D-306 Bent Connecting Adapter, 45/50 Inner Socket on Top, 0-14 Valves 3 1 CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, 0-14 Valves 3 1 CG-1965-D-235 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 [nner joint, 1/2" Swagelock 4 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 [nner joint, 1/2" Swagelock 5 1 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 5 1 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 5 1 CG-1975-30 Tubing Cutter 6 4 CG-1975-30 Tubing Cutter 6 4 CG-1975-30 Tubing Cutter 6 4 CG-1975-54-1 Tubing Cutter <td>2</td> <td>1</td> <td>CG-1968-D-300</td> <td></td> <td>20</td> <td>2</td> <td>CG-2040-C-01</td> <td>Heavy Duty Clamp Holder, Fit 1/4" to 5/8" Support Rod</td>	2	1	CG-1968-D-300		20	2	CG-2040-C-01	Heavy Duty Clamp Holder, Fit 1/4" to 5/8" Support Rod
PTFE Coated PTFE Coated 1 CG-147-81 O-Ring, Perflouro, 80mm Flange WHTE CG-1968-D-125 Side Swivel Extension Assembly, for Support Si Complete 5 1 CG-1968-D-300 Distilling Column, Vacuum Jacketed, 45/50 Outer on Top, 65/40 O-ring ball 1 CG-1968-D-300 Bert Connecting Adapter, 45/50 Inner Sealed to 65/40 O-ring ball 24a 1 CG-1968-D-102 Heavy Duty Mobile Cart, Lattice and Holes for 1 Receiving Flasks 3 1 CG-1968-D-306 High Efficiency Condenser, 65/40 Inner Sealed to 65/40 O-ring ball 1 CG-1968-D-102 Heavy Duty Mobile Cart, Lattice and Holes for 1 Receiving Flasks 3 1 CG-1968-D-306 High Efficiency Condenser, 65/40 Inner Sealed to 45/50 Inner Sealed to 45/50 Inner Sealed to 45/50 Inner Joint, 1/2" Swagelock (For 10L System) 1 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner Joint, 1/2" Swagelock Inner Joint, 1/2" Swagelock Inner Joint, 1/2" Swagelock Highlighted Items are Included in K 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner Joint, 1/2" Swagelock High PF Adapter, 45/50 Inner, 1/2" Swagelock, Valve 3 6 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 1 CG-1975-30 Tubing Cutter 4 2CG-205-Fi-11	3	1	CG-1/1-T-10	, 0	21	2	CG-150-09	#65 Stainless Steel Spherical Clamp
 WHITE CG-1968-D-302 Distilling Column, Vacuum, Jackeded, 45/50 Outer on Top, 65/40 O-ring ball CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Sealed to 65/40 O-Ring Ball CG-1968-D-306 High Efficiency Condenser, 65/40 Socket on Top, Angled 45/50 Inner Sealed to 65/40 O-Ring Ball CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, 0-14 Valves CG-1965-D-230 D Lier Receiving Flask, 2 Neck, 45/50 Outer ON Top, 0-14 Valves CG-1965-D-230 D Lier Receiving Flask, 2 Neck, 45/50 Outer ON, Angled 45/50 (For 10L System) CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 (Inner joint, 1/2'' Swagelock, Valve CG-1965-D-215 CG-1975-21 CG-1975-22 S4" to 1/2" PFA Compression Fitting CG-1975-30 Theorem Valve to 43/50 (Inner joint, 1/2'' Swagelock, Valve CG-1975-22 CG-1975-23 To CG-1975-30 Theorem Valve To 3/8" ID, 201t Length CG-1975-30 Theorem Valve To 3/8" ID, 201t Length CG-1975-30 Theorem Valve To 3/8" ID, 201t Length CG-1975-30 Thing Nillow Valve To 3/8" ID, 201t Length CG-1975-30 Thing Nillow Valve To 3/8" ID, 201t Length CG-1975-30 Thing Nillow Valve To 3/8" ID, 201t Length CG-1975-30 Thing Nillow Valve Valve CG-1975-30 Thing N	5	1	00-141-1-10	• •	22	1	CG-145-09	Keck Clamp, Brown, fits 45/50 Joint size, 10/Pkg
Jacketad, 45/50 Outer on Top. 65/40 O-ring ball 1 CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Sealed to 65/40 O-Ring Ball 1 CG-1968-D-306 High Efficiency Condenser, 65/40 Socket on Top. Angled 45/50 Inner a 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 Inner joint, 1/2" Swagelock, 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock, 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock, 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock, 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock, 3 CG-1975-21 1/2' to 1/2" PFA Compression Fitting 4 2 CG-1975-22 3/4' to 1/2" PFA Compression 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8' ID, 2 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8' ID, 2 CG-1975-04 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 7 2 CG-9205-E-11 Clamp, Three Prong Extension,	4	1	CG-147-81		23	1	CG-1968-D-125	Side Swivel Extension Assembly, for Support Stand, Complete
 CG-1968-D-304 Bent Connecting Adapter, 45/50 Inner Sealed to 65/40 O-Ring Ball CG-1968-D-306 High Efficiency Condenser, 65/40 Socket on Top, Angled 45/50 Inner O-14 Valves CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, O-14 Valves CG-1965-D-225 10 Litter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner, 1/2" Swagelock, Valve CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner, 1/2" Swagelock, Valve CG-1965-D-215 Adapter, 45/50 Inner, 1/2" Swagelock, Valve CG-1975-21 1/2" to 1/2" PFA Compression Fitting CG-1975-22 3/4" to 1/2" PFA Compression Fitting CG-1975-23 Tubing Outer CG-1975-24 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length CG-1975-25 Tubing Outer CG-1975-26 Tubing Outer CG-1975-27 Tubing Outer CG-1975-28 Tubing, 1/2" OD x 3/8" ID, 20ft Length CG-1975-21 Small Kwik Mount Klamp CG-1975-24 Small Kwik Mount Klamp CG-1975-25 Tubing Outer CG-1975-26 Tubing Outer CG-1975-27 Tubing Outer CG-1975-28 Tubing Outer CG-1975-21 Tubing Cutter CG-1975-22 Tubing Cutter CG-1975-24 Tubing Cutter CG-2025-E-11 Clamp, Three Prong Extension, 	5	1	CG-1968-D-302	Jacketed, 45/50 Outer on Top,	24a	1	CG-1968-D-100	Heavy Duty Mobile Cart, Lattice and Holes for 10L Receiving Flasks
Socket on Top, Angled 45/50 Inner 1 CG-1968-D-308 Phase Splitter, 45/50 Outer on Top, 0-14 Valves 2 CG-1965-D-225 10 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 10L System) 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 1 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 3 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 4 2 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20 L CG-1975-30 Tubing Cutter 5 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension,	6	1	CG-1968-D-304	a 1	24b	1	CG-1968-D-102	Heavy Duty Mobile Cart, Lattice and Holes for 20L Receiving Flasks
 0-14 Valves 10 Liter Receiving Flask, 2 Neck, 45/50 (For 10L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Tor 20L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Tor 20L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Tor 20L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Tor 20L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Tor 20L System) 20 Liter Receiving Flask, 2 Neck, 45/50 (Inner joint, 1/2" Swagelock 21 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner, 1/2" Swagelock, Valve 23 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 3 6 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 4 2 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 4 2 CG-1975-30 Tubing Cutter 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 	7	1	CG-1968-D-306					24
45/50 Outer CN, Angled 45/50 (For 10L System) are Included in K b 2 CG-1965-D-230 20 Liter Receiving Flask, 2 Neck, 45/50 Outer CN, Angled 45/50 (For 20L System) 0 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 1 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 2 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 3 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length - 1 CG-1975-30 Tubing Cutter 6 4 CG-9205-E-11 Clamp, Three Prong Extension,	8	1	CG-1968-D-308				6	7
 45/50 Outer CN, Angled 45/50 (For 20L System) 2 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 1 2 CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock 2 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 3 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 4 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 	9a	2	CG-1965-D-225	45/50 Outer CN, Angled 45/50		5 —		Highlighted Items are Included in Kit
 CG-1965-D-210 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock CG-1965-D-215 Adapter, 0-14mm Valve to 45/50 Inner joint, 1/2" Swagelock CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve CG-1975-21 1/2" to 1/2" PFA Compression Fitting CG-1975-22 3/4" to 1/2" PFA Compression Fitting CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length CG-1975-30 Tubing Cutter CG-1975-30 Tubing Cutter CG-1975-30 Small Kwik Mount Klamp CG-9253-10 Small Kwik Mount Klamp CG-9205-E-11 Clamp, Three Prong Extension, 	9b	2	CG-1965-D-230	45/50 Outer CN, Angled 45/50	12	0		
 Inner joint, 1/2" Swagelock 2 1 CG-1014-C-03 90° Inlet Adapter, 45/50 Inner, 1/2" Swagelock, Valve 3 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 4 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length - 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 	10	2	CG-1965-D-210	• •	3 -			
 1/2" Swagelock, Valve 6 CG-1975-21 1/2" to 1/2" PFA Compression Fitting 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 	11	2	CG-1965-D-215	• •				14
Fitting 4 2 CG-1975-22 3/4" to 1/2" PFA Compression Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length - 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension,	12	1	CG-1014-C-03		┦╢			
Fitting 5 1 CG-1975-04 PTFE Tubing, 1/2" OD x 3/8" ID, 20ft Length - 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension,	13	6	CG-1975-21	•				
20ft Length - 1 CG-1975-30 Tubing Cutter 6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension,	14	2	CG-1975-22				States St	
6 4 CG-9253-10 Small Kwik Mount Klamp 7 2 CG-9205-E-11 Clamp, Three Prong Extension, 24a(b)	15	1	CG-1975-04				¥ 19 a 10	
7 2 CG-9205-E-11 Clamp, Three Prong Extension, 24a(b)		1	CG-1975-30	Tubing Cutter			* *	
= •••••=••= ••••••••••••••••••••••••••		4	CG-9253-10	Small Kwik Mount Klamp	1			
	16	•		•				