

# UNJACKETED REACTORS, 50L

## 50L PROCESS REACTOR, CYLINDRICAL, UNJACKETED, ELECTRIC OR AIR MOTOR

Complete reactor system on our NEW open air stand. Supplied with the components listed below and numbered on the schematic drawing. Optional items are listed on the following pages. **PLEASE NOTE: REACTOR STAND OVERALL HEIGHT WITH MOTOR AND CLEARANCE BELOW VALVE, ARE CALCULATED FOR ALL CHEMGLASS STIRRER BEARINGS, INCLUDING THE CG-2077-M MECHANICAL SEAL STIR BEARING.**

### 50L COMPLETE PROCESS REACTORS:

Part Number	Description	Motor Type	Approx. Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1972-650	50L Process Reactor, Complete	Electric	90.8	18.1
CG-1974-650	50L Process Reactor, Complete	Air	87.3	18.1

### Standard Components Supplied With Complete Process Reactors:

No.	Part No.	Description
1a	CG-2033-B-25	Electric Stir Motor, 1/4Hp, 500 RPM
1b	CG-2025-20	Air Motor, 3/8Hp
1c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
2	CG-2097-53	25.4mm Stirrer Shaft, 51-3/4" OAL
3	CG-2077-H-06	25.4mm PTFE Stir Bearing
4	CG-2033-V-75	Controller, Motor and Time (Electric Only)
5	CG-1042-E-10	Thermocouple Adapter, 45/50
6	CG-2093-21	PTFE Flake Catching Cup, 25.4mm
7	CG-1968-G-01	300mm Envelope Gasket
8	CG-1968-X-14	Open Support Frame, 83.50" OAH
9	CG-10013-50	50L Heating Mantle, Fabric with Slit, 115V
10	CG-1972-68	1/4" Diameter X 45" Long Dual Thermocouple, "T"
11	CG-2095-17	6" OD PTFE Agitator, 60° (2ea)
12	CG-1968-67	2" Beaded Pipe Coupling
13	CG-1215-C-10	High Efficiency Condenser, 45/50
14a	CG-2046-90	25.4mm Shaft Coupling, (Electric Motor Only)
14b	CG-2046-91	25.4mm Shaft Coupling, (Air Motor Only)
15	CG-1042-46	Adapter, 45/50 to #15 Chem-Thread (2ea)
16	CG-1972-66	Dual Element Extension Cord, "T"
17	CG-149-06	80mm Glass Cap
18	CG-141-T-10	80mm S.S. Clamp, PTFE Coated
19	CG-147-79	80mm FEP Encased S.S. Spring O-Ring
20	CG-1968-A-01	7-Neck Lid, 300mm
21	CG-1972-17	50L S.S. #304 PTFE Coated Cooling Coil
22	CG-1972-81	50L Unjacketed Reaction Vessel
23	CG-1972-65	Digital Temperature Controller, "T"
24	CG-1968-X-50	Side Shelf For CG-1972-65 Temperature Controller
25	CG-12012-30	Lower Heating Mantle, Aluminum, 115V
26	CG-1968-X-56	Lower Mantle Base
27	CG-1968-GL-040	Zero Dead Space Drain Valve
--	CG-3002-L-45	45/50 PTFE Stopper With Loosening Ring
--	CG-145-09	45/50 Keck Clips (PK10)
---	CG-3498-03	1/2" OD Rod, 90° Bend
---	CG-9253-20	Universal Kwik Mount Klamp
---	CG-2048-03	25.4mm Safety Collar with PTFE Gasket
---	CG-1963-B-10	Beam Torque Wrench
---	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

