

50L "Squatty" System

CG-1968-MB651

400mm Flange

Motor mount arm can unlock and swing out giving greater access to reactor

Brushless Motor Controller

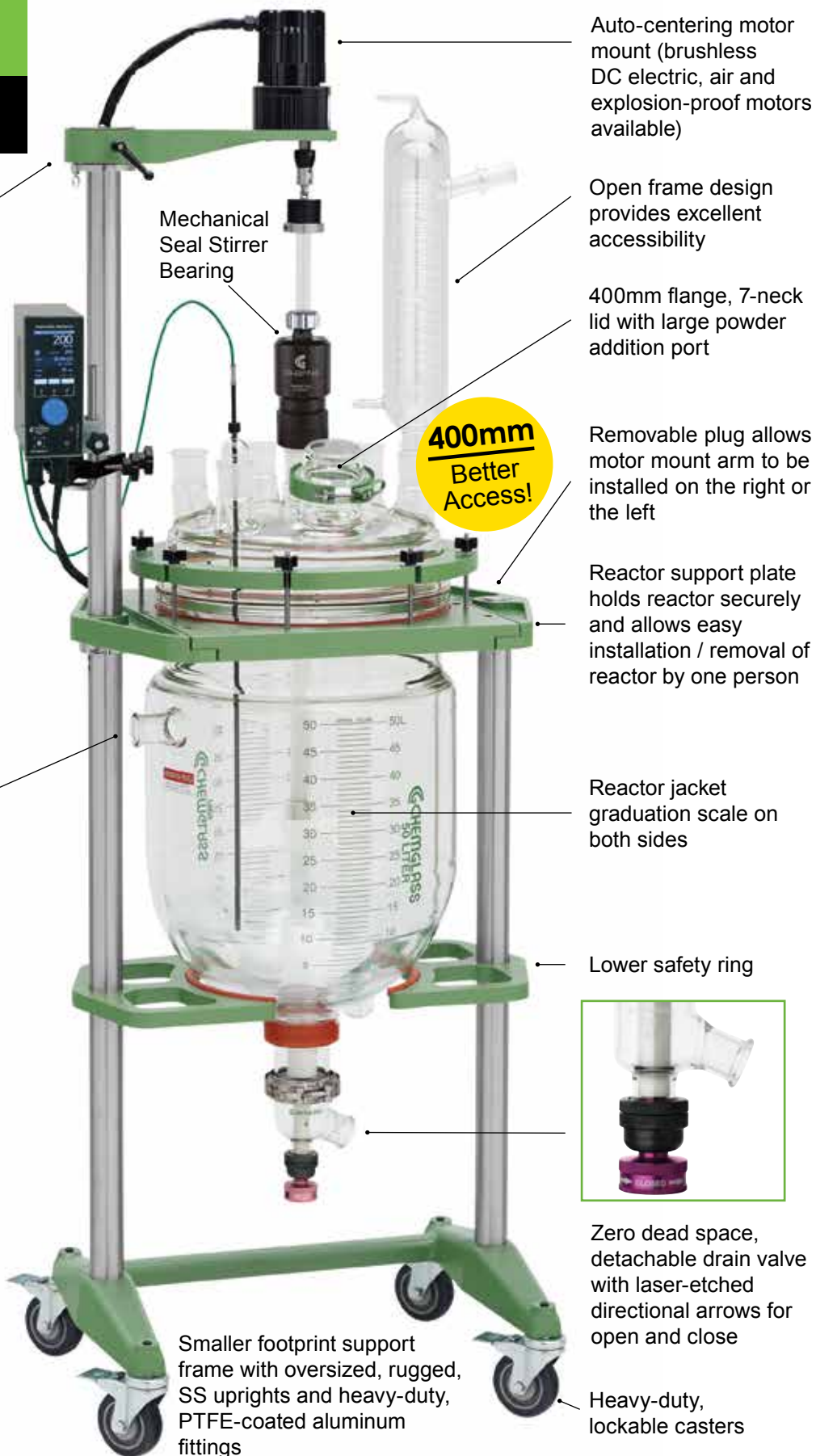
- RPM Torque, PT100 Temperature and Timer
- Wifi Connection for Cloud Data Logging, Monitoring, Alerts and Control (Optional with Ermes)
- USB Connection for Data Logging / Monitoring
- TFT 3.5" Display for All Setting Information at a Glance
- Quick Lockout Function
- Easy CW / CCW Direction Changes

SS inlet / outlet adapters, available in M16 x 1 and M30 x 1.5, allow connection to cooling / heating circulator

Optional Manifold



Squatty Design Maximizes Space Below for Draining



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Complete System with Standard Components listed in the table below.

No.	Qty.	Part No.	Description
1	1	CG-1215-C-10	High Efficiency Condenser, 45/50
—	3	CG-3002-L-45	PTFE Stopper, 45/50 with Loosening Ring
2	1	CG-145-09	Clamp, Keck, Brown, Standard Taper, Fits Joint Size 45/50, 10 / Pkg
3	1	CG-2097-58	25.4mm Polished Stirrer Shaft, 43 3/8" OAL
4	1	CG-2095-25	10" PTFE Agitator, Blades Angled 60°
5	1	CG-2096-M-12	Agitators, PTFE, High Viscosity, 25.4mm, 10" Blades, Solid, One-Piece Design
6	1	CG-2048-03	25.4mm Stirrer Shaft Retainer, Nylon, Safety
7	1	CG-2077-M-04	25.4mm Mechanical Seal Stirrer Bearing
8	1	CG-2077-M-32	25.4mm Lower Joint Adapter, 45/50
9	1	CG-1968-E-400	400mm Reaction Vessel Lid, 7-Neck, 45/50 CN, 5-45/50 SN, 1-Angled 80mm Flat O-Ring Flange SN
10	1	CG-149-06	80mm Glass Cap
11	1	CG-141-T-10	80mm Quick Release Clamp, PTFE-Coated
12	1	CG-147-81	O-Ring, Perfluoro, 80mm Flange, White
13	1	CG-1968-H-02	Perfluoroelastomer Gasket, 400mm
14	1	CG-1968-W050	50 Liter Jacketed Reaction Vessel, Squatty, 3" Beaded Pipe, Detachable
15	2	CG-1969-A-08	1 1/2" Beaded Pipe to M16 x 1 Male Thread S.S. Adapter
16	2	CG-1968-69	1 1/2" Beaded Pipe Coupling
17	1	CG-1968-T-75	3" Beaded Pipe Coupling
18	1	CG-1968-T-50	3" Beaded Pipe, Zero Dead Space, Drain Valve with 1 1/2" Beaded Pipe Sidearm
19	1	CG-2033-B-25	1/4 HP Brushless DC Motor Only, 24v, 3/4" Shaft Diameter
20	1	CG-2033-V-75	Controller, Motor, Temp. and Time, Only for Brushless DC Motor, 120v
21	1	CG-2046-90	25.4mm Stirrer Shaft Split Coupling
23	1	CG-1042-E-10	1/4" Thermocouple Adapter, 45/50
24	1	CG-1978-P932	PT100 Temp. Sensor, 1/4" Dia. x 32" Long
26	2	CG-3498-03	Stainless Steel Rod, Bent 90°, 1/2" OD
27	2	CG-9253-20	Large Kwik Klamp II, Hardcote and PTFE Anodized Finish
28	1	CG-1968-Y-12	Open Air Support Frame, 28.25" W x 20" D x 75.25" H
—	1	CG-1963-B-10	Beam Torque Wrench
—	1	CG-1963-B-15	1/2" Deep Socket, 6 Point, 1/4" Drive
—	1	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

Motor Type	Approx. Overall Height with Motor (in.)	Clearance Below Drain Valve Side Arm (in.)
Electric	82.6	15.6

