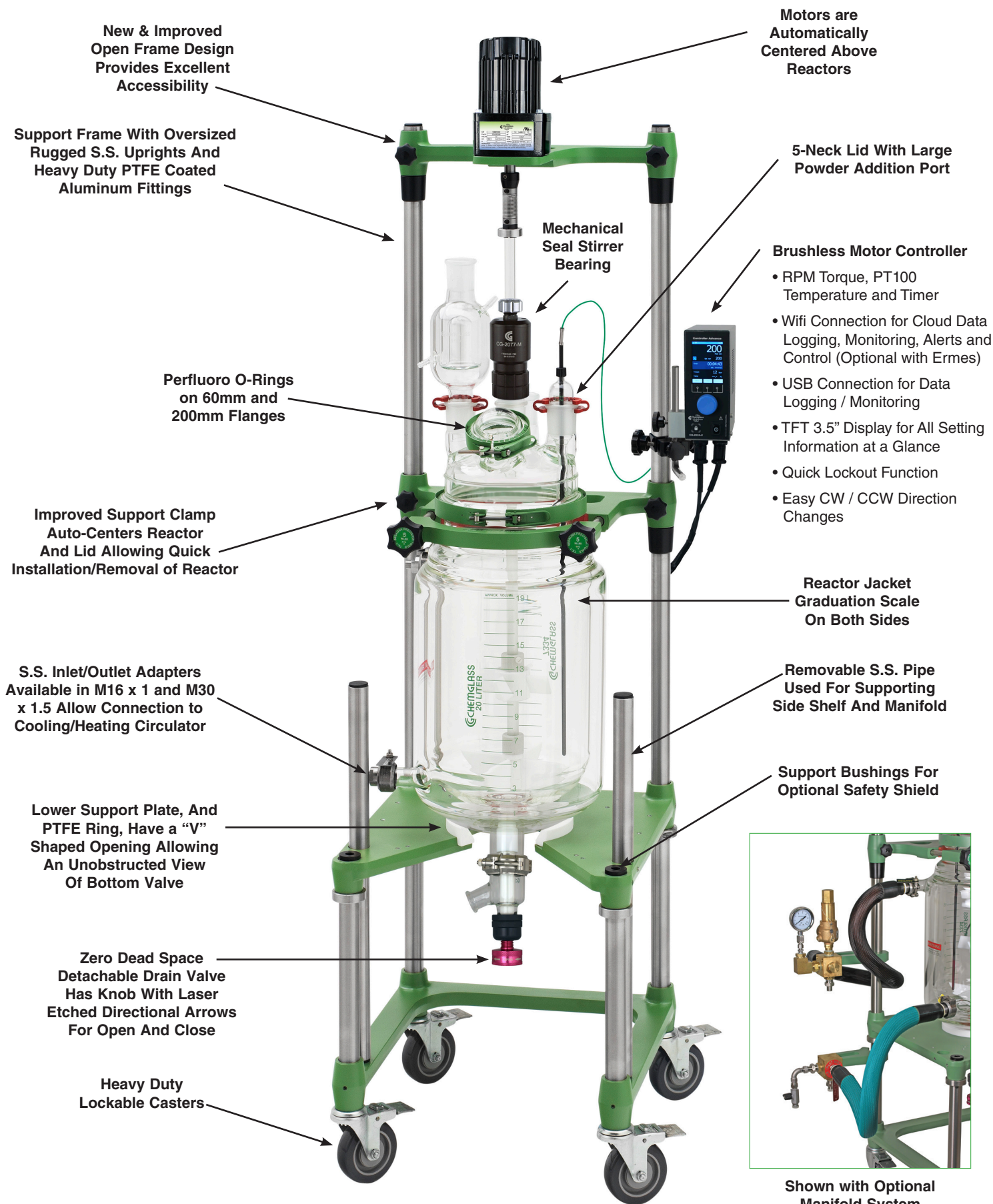


JACKETED REACTORS, 20L



New & Improved Open Frame Design Provides Excellent Accessibility

Motors are Automatically Centered Above Reactors

Support Frame With Oversized Rugged S.S. Uprights And Heavy Duty PTFE Coated Aluminum Fittings

5-Neck Lid With Large Powder Addition Port

Mechanical Seal Stirrer Bearing

Brushless Motor Controller

Perfluoro O-Rings on 60mm and 200mm Flanges

- 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

Improved Support Clamp Auto-Centers Reactor And Lid Allowing Quick Installation/Removal of Reactor

Reactor Jacket Graduation Scale On Both Sides

S.S. Inlet/Outlet Adapters Available in M16 x 1 and M30 x 1.5 Allow Connection to Cooling/Heating Circulator

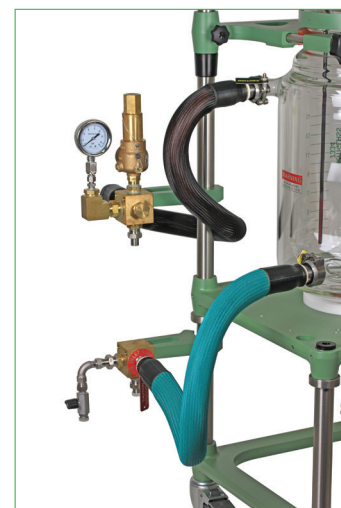
Removable S.S. Pipe Used For Supporting Side Shelf And Manifold

Lower Support Plate, And PTFE Ring, Have a "V" Shaped Opening Allowing An Unobstructed View Of Bottom Valve

Support Bushings For Optional Safety Shield

Zero Dead Space Detachable Drain Valve Has Knob With Laser Etched Directional Arrows For Open And Close

Heavy Duty Lockable Casters



Shown with Optional Manifold System

JACKETED REACTORS, 20L

20L PROCESS REACTOR, CYLINDRICAL, JACKETED, ELECTRIC MOTOR

Complete reactor system on our NEW open air, auto-center 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.**

20L COMPLETE PROCESS REACTORS:

Part Number	Description	Approx. Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1965-MB620	20L Process Reactor, Electric Motor, Complete	70.1	15.3

COMPLETE WITH CG-1969-M-04 MANIFOLD WITH M30 CIRCULATOR FITTINGS

Part Number	Description
CG-1965-MB620M	20L Process Reactor, Electric Motor, Complete

Standard Components Supplied With Complete Process Reactors:

No.	Part No.	Description
1	CG-1217-25	Condenser, 45/50
2	CG-2097-12	19mm Stirrer Shaft, 34-5/8" OAL
3	CG-2048-02	19mm Stirrer Shaft Retainer, Nylon, Safety
3a	CG-2077-M-03	19mm Mechanical Seal Stirrer Bearing
3b	CG-2077-M-32	19mm Lower Joint Adapter, 45/50
4	CG-149-01	60mm Glass Cap
5	CG-141-T-11	60mm S.S. Clamp, PTFE Coated
6	CG-147-80	60mm Perfluoro O-Ring
7	CG-147-84	200mm Perfluoro O-Ring
8	CG-1930-X-34	20L Jacketed Reaction Vessel
9	CG-1969-A-07	S.S. Adapter, 1" Beaded Pipe to M30 X 1.5 Male (2ea)
10	CG-1968-66	1" Beaded Pipe Coupling (2ea)
11	CG-1968-67	2" Beaded Pipe Coupling
12a	CG-2033-B-50	Electric Stir Motor, 1/4Hp, 500 RPM
12b	CG-2025-20	Air Motor, 3/8Hp
12c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
13a	CG-2044-30	19mm Tru-Stir® Shaft Coupling, (Electric)
13b	CG-2044-16	19mm Tru-Stir® Shaft Coupling, (Air)
15	CG-2033-V-75	Controller, Motor, Temp. and Time (Electric Only)
17	CG-3498-03	1/2" OD Rod, 90° Bend
18	CG-9253-10	Universal Kwik Mount Klamp
19	CG-1042-E-10	Thermocouple Adapter, 45/50
20	CG-1946-50	5-Neck Lid, 200mm
21	CG-141-T-15	200mm S.S. Clamp, PTFE Coated
23	CG-1978-P926	PT100 Temp. Sensor, 1/4" Diameter x 26" Long
24a	CG-2095-05	5" OD PTFE Agitator, 60°
24b	CG-2096-10	8" OD PTFE Agitator, High Viscosity
25	CG-3055-10	PTFE Support Ring, "V" Cut
26	CG-1965-X-150	Auto-Center Support Frame, 66" OAH
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-1963-B-10	Beam Torque Wrench
---	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

