

# 100L "Squatty" System

CG-1968-W9100

## 400mm Flange

## Squatty Design Maximizes Space Below for Draining

Brushless DC electric, air and explosion-proof motors available

Auto-centering motor mount arm can unlock and swing out giving greater access to reactor

Digital temperature monitor

Electric and XP motors have separate controllers with digital displays

### High Flow Manifold System Included

M30 x 1.5 circulator fittings and insulated hoses, -60 to +200°C

Smaller footprint support frame with oversized, rugged, SS uprights and heavy-duty, PTFE-coated aluminum fittings

Heavy-duty, lockable casters

Open frame design provides excellent accessibility

400mm flange, 7-neck lid with large powder addition port

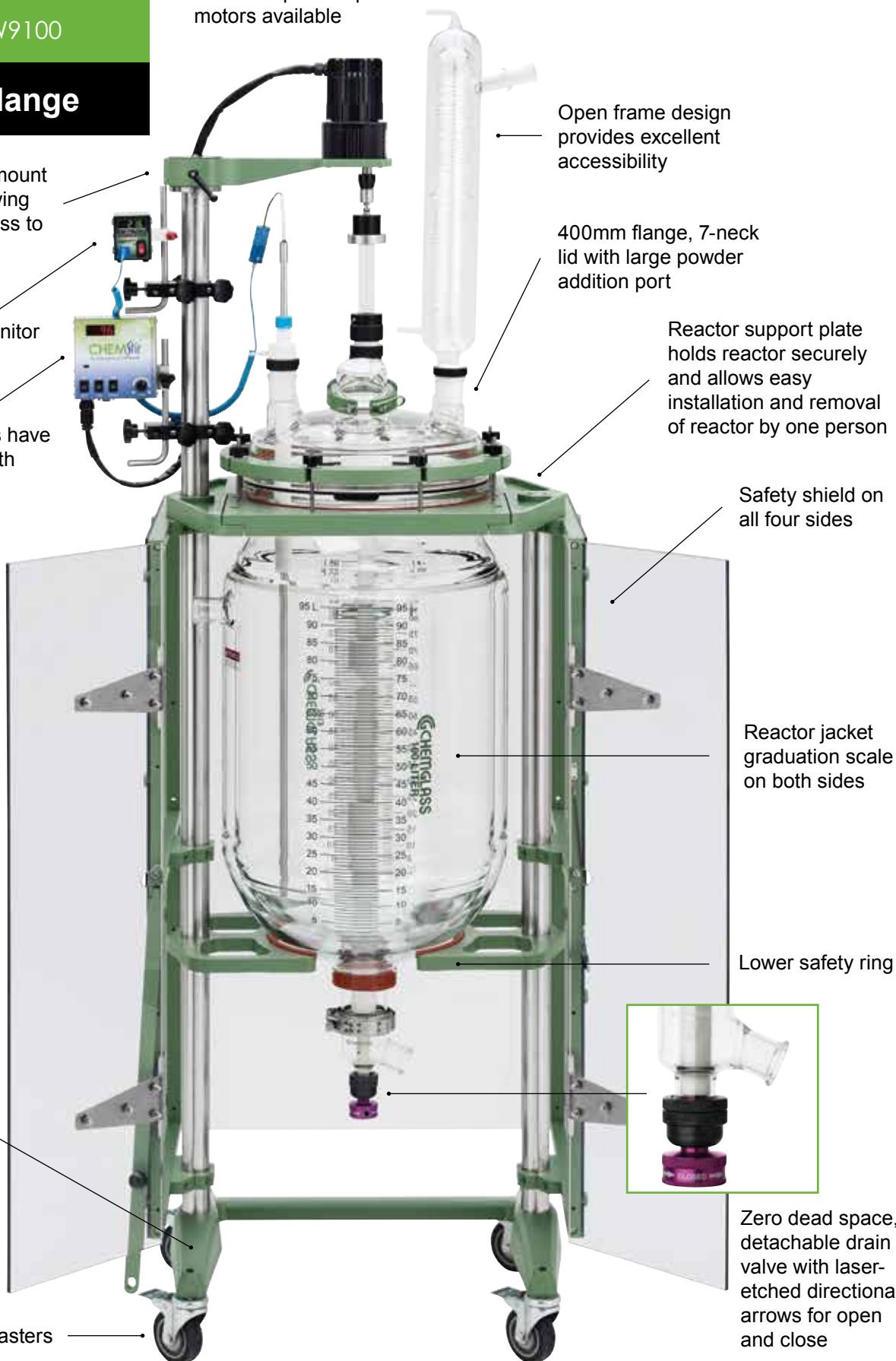
Reactor support plate holds reactor securely and allows easy installation and removal of reactor by one person

Safety shield on all four sides

Reactor jacket graduation scale on both sides

Lower safety ring

Zero dead space, detachable drain valve with laser-etched directional arrows for open and close



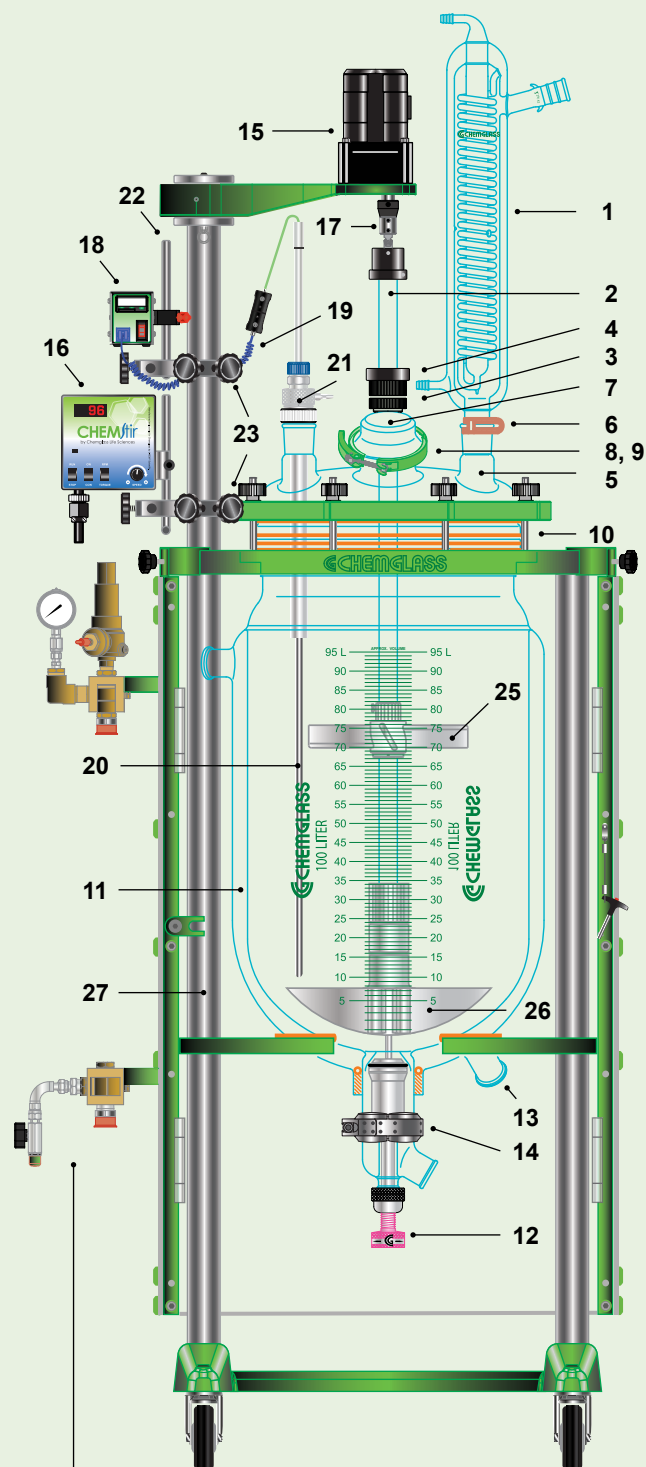
# 100L "Squatty" System with 400mm Flange



**CG-1968-W9100**

Complete System with Standard Components listed in the table below.

No.	Qty.	Part No.	Description
1	1	<b>CG-1215-C-02</b>	High Efficiency Condenser, 45/50
2	1	<b>CG-2097-102</b>	30mm Stirrer Shaft, Hollow, Lower Portion Sandblasted
3	1	<b>CG-2077-H-07</b>	30mm PTFE Stirrer Bearing
4	1	<b>CG-2048-04</b>	30mm Stirrer Shaft Retainer, Nylon
5	1	<b>CG-1968-E-400</b>	400mm Reaction Vessel Lid, 7 Neck, 45/50 CN, 5-45/50 SN, 1-Angled 80mm Flat O-Ring Flange SN
—	3	<b>CG-3002-L-45</b>	Stopper, PTFE, 45/50 with Loosening Ring
6	1	<b>CG-145-09</b>	Clamp, Keck, Brown, Standard Taper, Fits Joint Size 45/50, 10 / Pkg
7	1	<b>CG-149-06</b>	80mm Glass Cap
8	1	<b>CG-147-81</b>	O-Ring, Perfluoro, 80mm Flange, White
9	1	<b>CG-141-T-10</b>	80mm Quick Release Clamp, PTFE-Coated
10	1	<b>CG-1968-H-02</b>	Perfluoroelastomer Gasket, 400mm
11	1	<b>CG-1968-W101</b>	100 Liter Jacketed Reaction Vessel, Squatty, 3" Beaded Pipe, Detachable
12	1	<b>CG-1968-T-55</b>	3" Beaded Pipe, Zero Dead Space, Drain Valve with 1 1/2" Beaded Pipe Sidearm
13	2	<b>CG-1968-69</b>	1 1/2" Beaded Pipe Coupling
14	1	<b>CG-1968-T-75</b>	3" Beaded Pipe Coupling
15	1	<b>CG-2033-B-25</b>	1/4 HP Brushless DC Motor Only, 24v, 3/4" Shaft Diameter
16	1	<b>CG-2033-B-50</b>	Digital Controller, Only for Brushless DC Motor, 120v
17	1	<b>CG-2046-X-130</b>	30mm Stirrer Shaft Split Coupling
18	1	<b>CG-3498-01</b>	Digital Temperature Monitor, Type "T"
19	1	<b>CG-3499-02</b>	Extension Cord, Standard Female to Mini Male Plug, Type "T"
20	1	<b>CG-3498-116</b>	1/2" Diameter x 45" Long FEP-Coated Stainless Steel Thermocouple, Detachable, Type "T"
21	1	<b>CG-1971-87</b>	45/50 PTFE Thermocouple Stabilizer, Complete with 14mm Compression Fitting
22	2	<b>CG-3498-03</b>	90° Support Rod, 1/2" OD, Stainless Steel
23	2	<b>CG-9253-20</b>	Large Kwik Klamp II, Hardcote and PTFE Anodized Finish
—	1	<b>CG-2093-22</b>	30mm PTFE Flake Catching Cup
25	1	<b>CG-2095-R50</b>	10" Diameter Upper Agitator, PTFE
26	1	<b>CG-2095-M-55</b>	10" High Viscosity Lower Agitator, PTFE, with Stabilizing Bushing
27	1	<b>CG-1968-Y-24M</b>	Open Air Support Frame, 28.25" W x 20" D x 83.5" H
—	1	<b>CG-1963-B-10</b>	Beam Torque Wrench
—	1	<b>CG-1963-B-15</b>	1/2" Deep Socket, 6 Point, 1/4" Drive
—	1	<b>CG-1963-B-14</b>	7/16" Deep Socket, 6 Point, 1/4" Drive



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