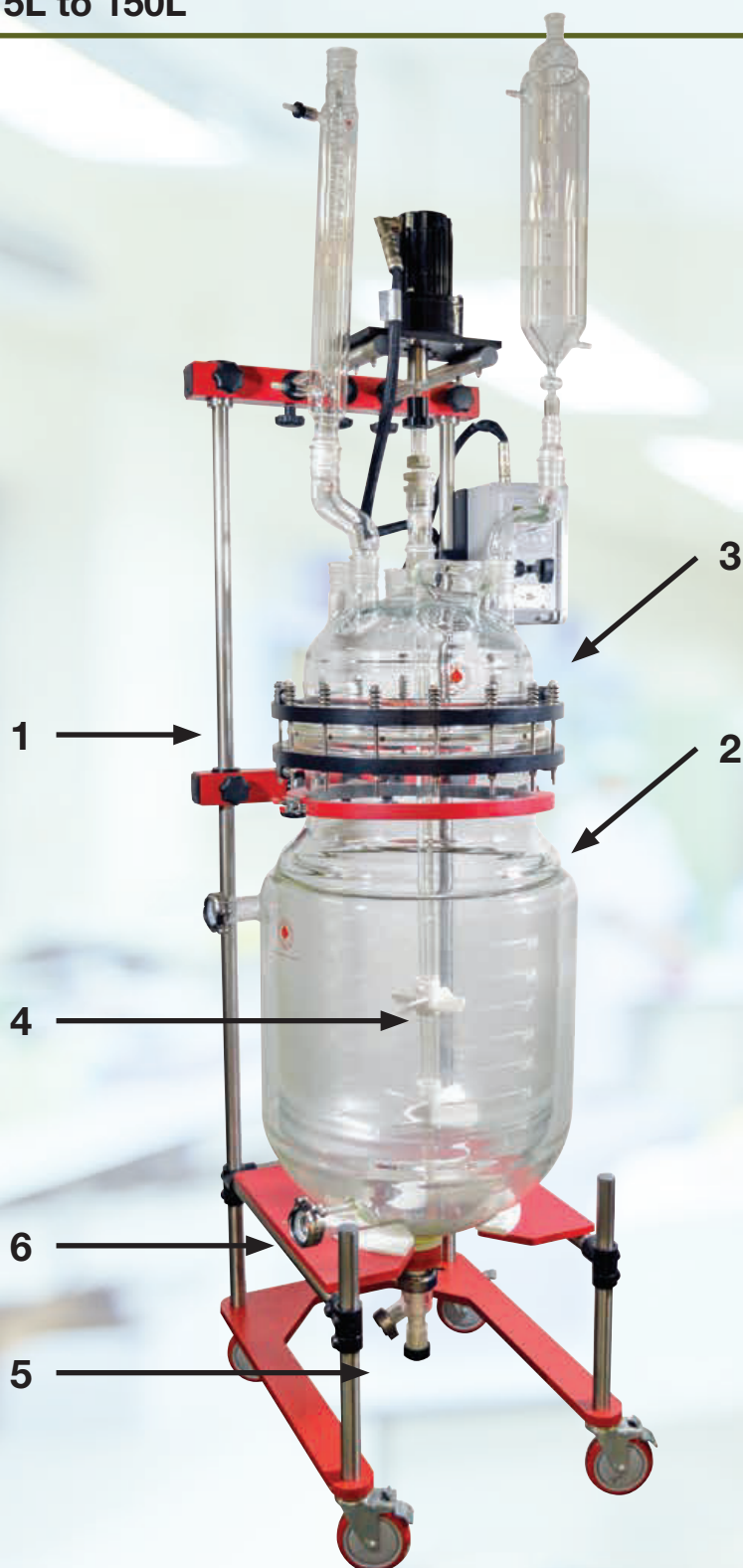


## Jacketed Kilo Scale Reactor System

75L to 150L



Designed for maximum diversity and ease of use. A simple base system building platform which allows any reactor system to be customized using catalog or custom designed parts. Each system comes with the basic starting components required. Then simply select the motor and accessories needed to complete the setup to meet your needs. Complete your system with any of the many optional components we offer.

### Jacketed Kilo Systems include:

- Universal Reactor Stand
- Jacketed Flask
- Head with Clamps and O-Rings
- Agitator, Shaft, Bearing & Collar
- Drain Valve
- Couplings

### Working Temp Range (°C):

-60 to 200

### Working Pressure Range (Torr):

Atm to 200

### Max Jacket Pressure (PSIG):

8

### Stand Dimensions (DxWxH):

27.5" x 24.25" x 96.25"

27.5" x 24.25" x 82.25" (Low-Profile)

### Wetted Surfaces:

Borosilicate glass, PTFE

### Motor Mounts:

Flange



Note: Product is shown with optional accessories.

For safety, it is recommended that a pressure relief manifold be used on jacketed reactors.

**75L to 150L**

Capacity (L)	for Flange Mount Motors	
75	12845-13	★
100	12845-15	★
100 (Low Profile)	12845-17	★
150	12845-19	★

No.	Description	Qty	Order Code
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**Included Components**

	50-150L Stand w/Mount for 300mm Flange Mount Motors		12842-08
1	100L Stand w/Mount for 400mm Flange Mount Motors	1	12842-10
	50-150L Stand w/Mount for 400mm Flange Mount Motors		12842-12
	75L Jacketed Flask		12850-12 ★
2	100L Jacketed Flask	1	12850-14 ★
	100L Jacketed Flask (Low Profile)		12850-15 ★
	150L Jacketed Flask		12850-16 ★
	300mm, 7 Neck Head	1	6530-46 ★
	400mm, 7 Neck Head	1	6530-75 ★
	300mm PTFE Flat Gasket	1	6525-51 ★
	400mm PTFE Flat Gasket	1	6525-53 ★
3	300mm KF Flat Flange Clamp	1	6525-30 ★
	400mm KF Flat Flange Clamp	1	6525-33 ★
	100mm Glass Cap	1	15312-33 ★
	100mm CAPFE O-Ring	1	7855-880 ◆
	100mm Quick-release Clamp	1	6517-25 ★
	28mm PTFE Ace-Thred Bearing	1	8067-105 ★
	28mm Glass Stirring Shaft, 51" Length (100L Low-Profile)		8080-16 ★
	28mm Glass Stirring Shaft, 65" Length (150L)	1	8080-27 ★
4	28mm Glass Stirring Shaft, 63" Length (75L, 100L)		8080-30 ★
	28mm Shaft Collar	1	8127-28 ◆
	28mm Stir Shaft Swivel Coupling, 3/8" Stir Motor Shaft	1	8126-28 ★
	8" O.D. Anchor Style Agitator w/Receptacle	1	8101-38 ★
	6" O.D. 45° Agitator	2	8093-35 ★
5	Flush Seal Drain Valve w/CAPFE O-Ring and Pin	1	6482-20 ★
	2" Beaded Pipe Coupling	1	8856-11 ★
6	1-1/2" Beaded Pipe Coupling	2	8856-09 ★

