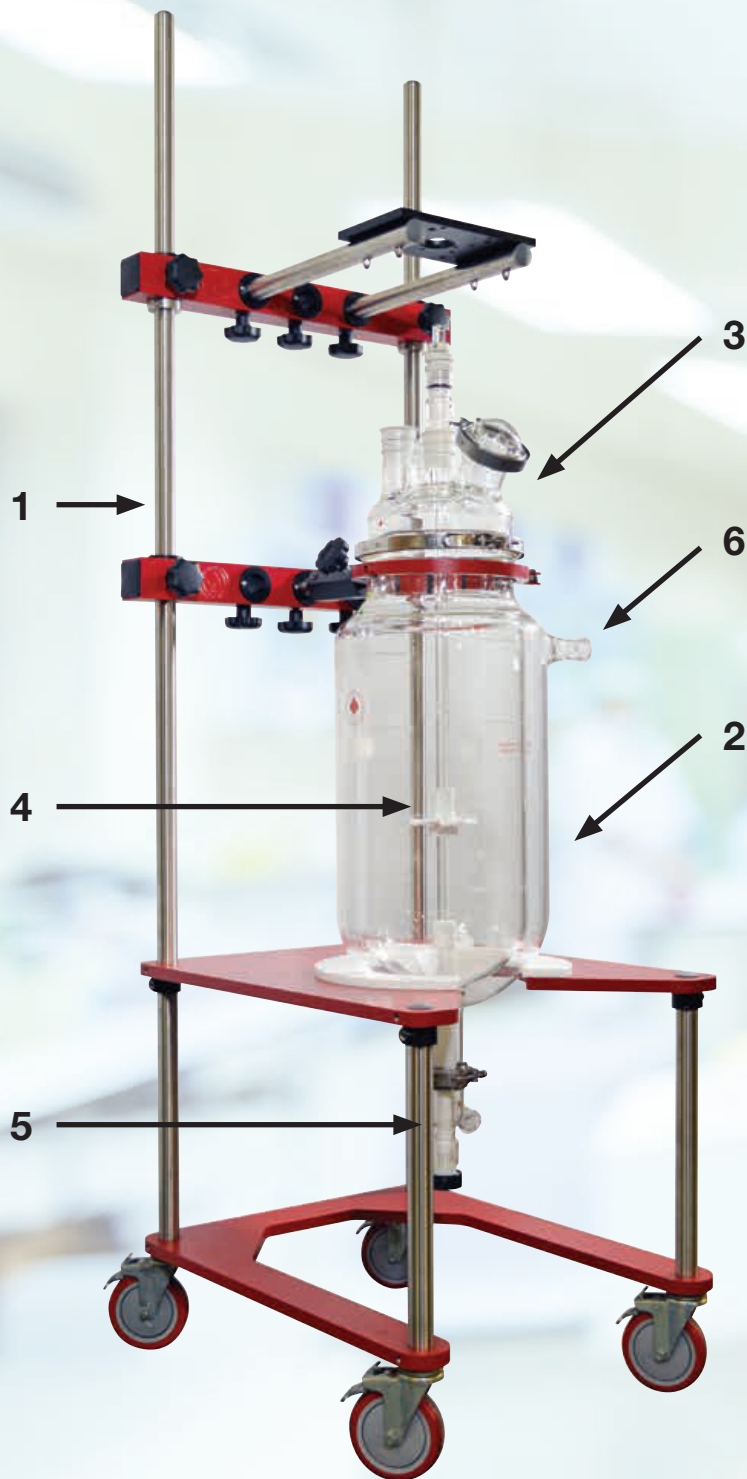


## Jacketed Kilo Scale Reactor System

10L to 50L



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):

(10L, 15L & 20L) Atm to 0

(30L & 50L) Atm to 50

### Max Jacket Pressure (PSIG):

8

### Stand Dimensions (DxWxH):

27.5" x 24.25" x 82.25"

### Wetted Surfaces:

Borosilicate glass, PTFE

### Motor Mounts:

Rod or Flange



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

### 10L to 20L

Capacity (L)	for Rod Mounted Motors		for Flange Mount Motors	
10	<b>12845-02</b>	★	<b>12845-03</b>	★
15	<b>12845-04</b>	★	<b>12845-05</b>	★
20	<b>12845-06</b>	★	<b>12845-07</b>	★

### 30L to 50L

Capacity (L)	for Flange Mount Motors	
30	<b>12845-09</b>	★
50	<b>12845-11</b>	★

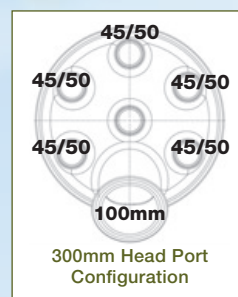
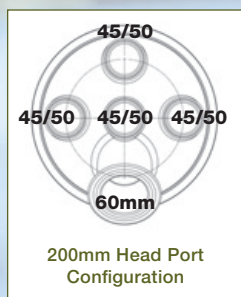
### Ethanol Extraction/Winterization System\*

20	-	<b>12855-07</b>	★
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\*12855-07 adds Bracing Set for XP Motor and EPDM O-Rings for winterization

No.	Description	Qty	Order Code
<b>Included Components</b>			
	10-20L Universal Stand w/Mount for Rod Mount Motors	1	<b>12842-02</b>
1	10-20L Universal Stand w/Mount for Flange Mount Motors		<b>12842-04</b>
	*Flange Mount Bracing Set (included w/12855-07 only)	1	<b>12842-41</b>
	10L Jacketed Flask		<b>12850-02</b> ★
2	15L Jacketed Flask	1	<b>12850-04</b> ★
	20L Jacketed Flask		<b>12850-06</b> ★
	200mm, 5 Neck Head	1	<b>6530-28</b> ★
	200mm CAPFE O-Ring	1	<b>7855-884</b> ♠
	200mm Quick-release Clamp	1	<b>6517-31</b> ★
	60mm Glass Cap	1	<b>15312-30</b> ★
3	60mm CAPFE O-Ring	1	<b>7855-878</b> ♠
	60mm Quick-release Clamp	1	<b>6517-22</b> ★
	19mm Stir Shaft Swivel Coupling, 3/8" Stir Motor Shaft	1	<b>8126-19</b> ★
	19mm Shaft Collar	1	<b>8127-20</b> ♠
	19mm PTFE Ace-Thred Bearing	1	<b>8067-30</b> ♠
	19mm Glass Stirring Shaft, 36" Length	1	<b>8076-40</b> ♠
4	5-1/2" O.D. Anchor Style Agitator	1	<b>8091-20</b> ♠
	5" O.D. 45° Agitator	1	<b>8097-12</b> ★
	Flush Seal Drain Valve w/CAPFE O-Ring	1	<b>6472-245</b> ★
5	*Flush Seal Drain Valve w/EPDM O-Ring (included w/12855-07 only)	1	<b>6472-246</b> ★
	2" Beaded Pipe Coupling	1	<b>8856-11</b> ★
6	1" Beaded Pipe Coupling	2	<b>8856-07</b> ★

No.	Description	Qty	Order Code
<b>Included Components</b>			
1	30-50L Universal Stand w/Mount for Flange Mount Motors	1	<b>12842-06</b>
	30L Jacketed Flask	1	<b>12850-08</b> ★
2	50L Jacketed Flask		<b>12850-10</b> ★
	300mm, 7 Neck Head	1	<b>6530-46</b> ★
	300mm PTFE Flat Gasket	1	<b>6525-51</b> ★
	300mm KF Flat Flange Clamp	1	<b>6525-30</b> ★
3	100mm Glass Cap	1	<b>15312-33</b> ★
	100mm CAPFE O-Ring	1	<b>7855-880</b> ♠
	100mm Quick-release Clamp	1	<b>6517-25</b> ★
	28mm Shaft Collar	1	<b>8127-28</b> ♠
	28mm PTFE Ace-Thred Bearing	1	<b>8067-105</b> ★
	28mm Glass Stirring Shaft, 45" Length	1	<b>8080-14</b> ★
4	28mm Stir Shaft Swivel Coupling, 3/8" Stir Motor Shaft	1	<b>8126-28</b> ★
	8" O.D. Anchor Style Agitator	1	<b>8101-38</b> ★
	6" O.D. 45° Agitator	1	<b>8093-35</b> ★
5	Flush Seal Drain Valve w/CAPFE O-Ring and Pin	1	<b>6482-20</b> ★
	2" Beaded Pipe Coupling	1	<b>8856-11</b> ★
6	1-1/2" Beaded Pipe Coupling	2	<b>8856-09</b> ★



Note: only one size flask supplied per system