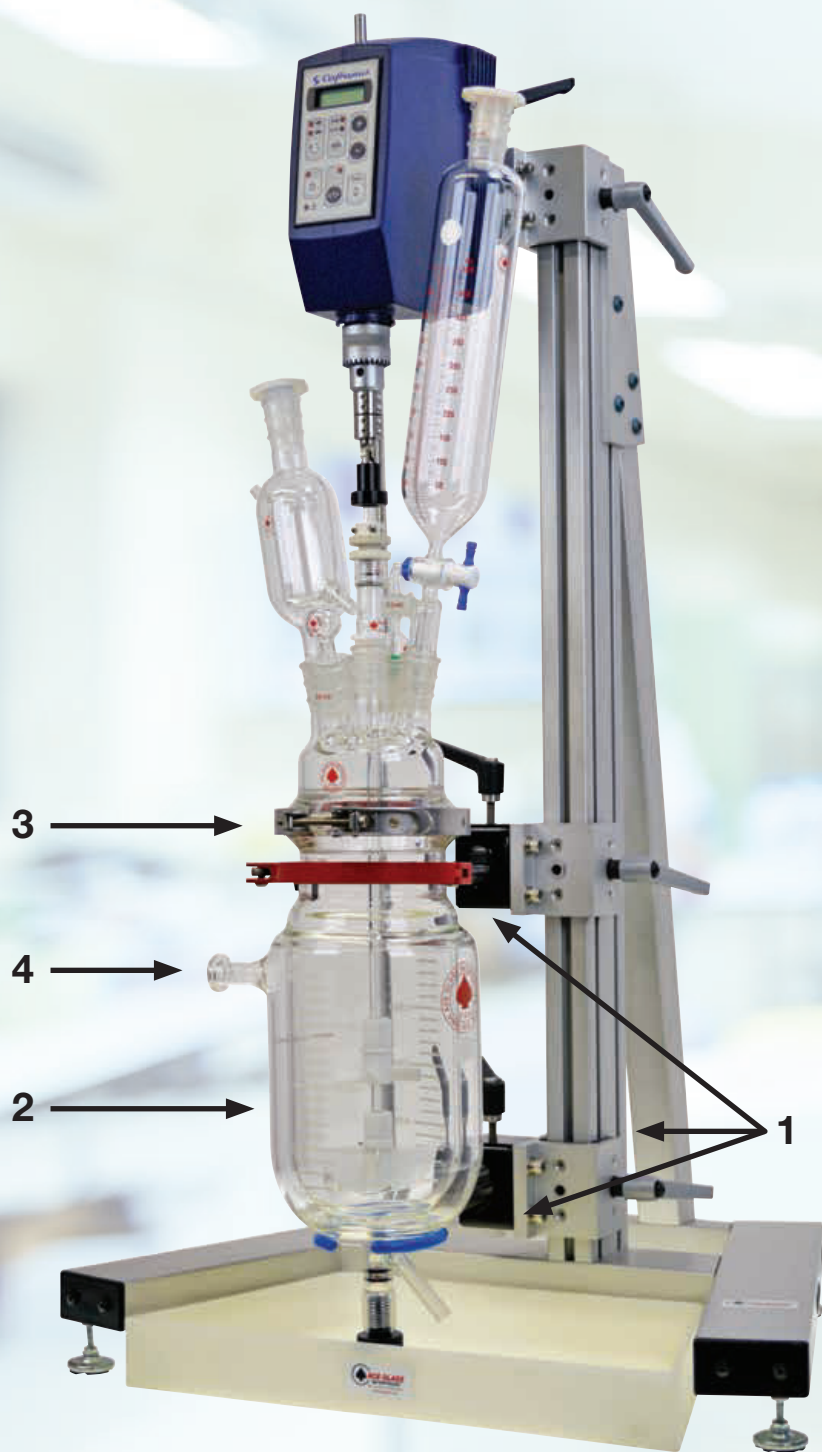


Jacketed Bench Scale Reactor System

100mL to 6000mL



Ace Glass Scale-Up Series™ reactor systems enable the researcher to scale-up from 100mL to 6000mL on the bench and enjoy the same geometry when replicating those results in our Kilo Scale reactors. Simply select the capacity you desire in the base system seen below. Complete your system with any of the many optional components we offer.

Scale-Up Systems include:

- Single Reactor Stand
- Bolt Latch Clamp
- Support Ring
- Jacketed Flask with O-Ring and Clamp
- Flange Clamp and Gasket

Working Temp Range (°C):

-60 to 200

Working Pressure Range (Torr):

Atm to 0

Max Jacket Pressure (PSIG):

8

Stand Dimensions (DxWxH):

(100mL-2000mL) 19.5" x 24.75" x 38"

(3000mL-6000mL) 19.5" x 24.75" x 48"

Wetted Surfaces:

Borosilicate glass, PTFE

Motor Mounts:

Rod

Note: Product is shown with optional accessories.

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



100mL to 500mL

Capacity (mL)	Stand Height in	Order Code
100	38	6440-02 ★
250	38	6440-03 ★
500	38	6440-04 ★

1000mL to 2000mL

Capacity (mL)	Stand Height in	Order Code
1000	38	6440-05 ★
2000	38	6440-06 ★

3000mL to 6000mL

Capacity (mL)	Stand Height in	Order Code
3000	48	6440-07 ★
4000	48	6440-08 ★
5000	48	6440-09 ★
6000	48	6440-10 ★

No.	Description	Qty	Order Code
Included Components			
	Reactor Stand	1	12841-02
1	60mm Bolt Latch Clamp	1	6442-02 ★
	Small Support Ring	1	11177-13 ★
	100mL Jacketed Flask		6441-02 ♠
2	250mL Jacketed Flask	1	6441-04 ♠
	500mL Jacketed Flask		6441-06 ♠
3	60mm CAPFE O-Ring	1	7855-878 ♠
	60mm Quick-release Clamp	1	6517-22 ★
4	NW10 Flange Clamp	2	12189-02 ★
	NW10 Flange Gasket, Viton	2	12192-02 ★

Optional Components

	Dual Reactor Stand	1	12843-38
	60mm, 5 Neck Head	1	6443-02 ♠
	10 x 440mm Stirring Shaft	1	8075-32 ♠
	38mm 45° Agitator	1	8097-02 ★
	50mm Anchor Style Agitator	1	8091-02 ♠
	Debris Free, PTFE Bearing	1	13445-30 ★
	10mm Shaft Coupling Assembly	1	8126-24 ★
	Replacement Glass Plug, 10mm	1	6441-33 ★

No.	Description	Qty	Order Code
Included Components			
	Reactor Stand	1	12841-02
1	100mm Bolt Latch Clamp	1	6442-04 ★
	Medium Support Ring	1	11177-17 ★
	1000mL Jacketed Flask		6441-08 ♠
2	2000mL Jacketed Flask	1	6441-10 ♠
	100mm CAPFE O-Ring	1	7855-880 ♠
3	100mm Quick-release Clamp	1	6517-25 ★
	NW16 Flange Clamp	2	12189-02 ★
4	NW16 Flange Gasket, Viton	2	12192-02 ★

Optional Components

	Dual Reactor Stand	1	12843-38
	100mm, 5 Neck Head	1	6443-06 ♠
	10x440mm Stirring Shaft (1000mL)	1	8075-32 ♠
	10x500mm Stirring Shaft (2000mL)	1	8075-33 ♠
	64mm 45° Agitator	1	8097-04 ★
	90mm Anchor Style Agitator	1	8091-04 ♠
	Debris Free, PTFE Bearing	1	13445-30 ★
	10mm Shaft Coupling Assembly	1	8126-24 ★
	Replacement Glass Plug, 10mm	1	6441-33 ★
	pH Probe	1	5277-10
	pH Probe Holder (2000mL only)	1	5277-02 ★

No.	Description	Qty	Order Code
Included Components			
	Reactor Stand	1	12841-01
1	150mm Bolt Latch Clamp	1	6442-06 ★
	Large Support Ring (3000-4000mL)		11177-19 ★
	XL Support Ring (5000-6000mL)	1	11177-21 ★
	3000mL Jacketed Flask		6441-12 ♠
2	4000mL Jacketed Flask	1	6441-14 ★
	5000mL Jacketed Flask		6441-16 ★
	6000mL Jacketed Flask		6441-18 ★
3	150mm CAPFE O-Ring	1	7855-881 ♠
	150mm Quick-release Clamp	1	6517-27 ★
4	NW25 Flange Clamp	2	12189-04 ★
	NW25 Flange Gasket, Viton	2	12192-04 ★

Optional Components

	Dual Reactor Stand	1	12843-48
	150mm, 5 Neck Head	1	6443-12 ♠
	10 x 560mm Stirring Shaft	1	8075-38 ♠
	76mm 45° Agitator	1	8097-06 ★
	90mm Anchor Style Agitator	1	8091-04 ♠
	Debris Free, PTFE Bearing	1	13445-30 ★
	10mm Shaft Coupling Assembly	1	8126-24 ★
	Replacement Glass Plug, 10mm	1	6441-33 ★
	pH Probe	1	5277-10
	pH Probe Holder	1	5277-02 ★

