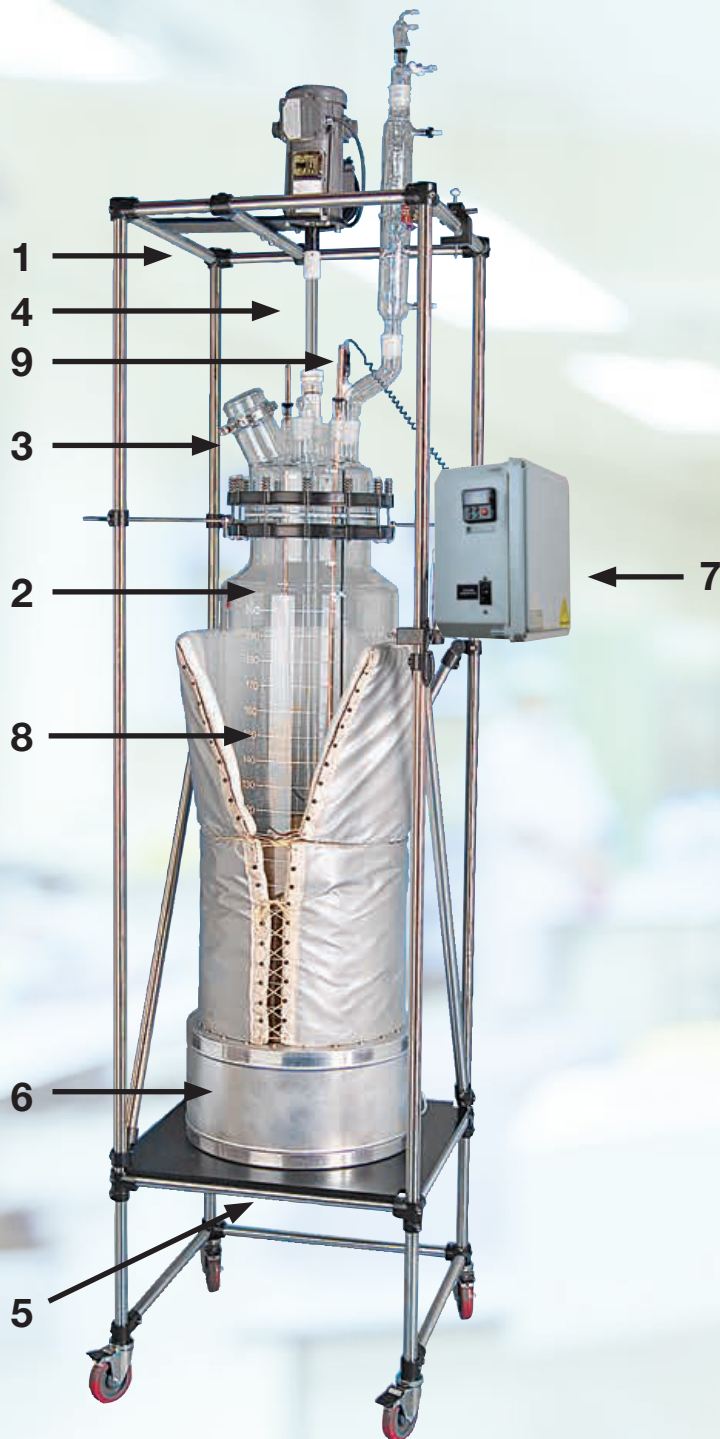


Unjacketed Kilo Scale Reactor Systems

200L Reactors w/Support Stand



Black epoxy-coated aluminum flask support plate is adjustable vertically, to allow room under flask for various outlet receptacles. Plate is supplied with three adjustable braces to hold mantle in place. Upper support brackets supplied to stabilize flask.

Unjacketed Kilo Systems include:

- 4 Post Reactor Stand
- Unjacketed Flask
- Head, Coupling and O-Rings
- Agitator, Stir Shaft, Bearing & Collar
- Lid and Clamp
- Bottom Drain Valve
- Heating Mantle
- Temperature Controller with Probe
- Cooling/Heating Coil *(not pictured)*

Working Temp Range (°C):

ambient to 200

Working Pressure Range (Torr):

Atm to 200

Stand Dimensions (DxWxH):

32" x 32" x 118"

Wetted Surfaces:

Borosilicate glass, PTFE

Motor Mounts:

Flange

12846-23



Note: Product is shown with optional accessories.

Supplied with PTFE-Clad copper tubing (not shown); available in Hastelloy® C-276 or 316 stainless steel.

200L only

Capacity (L)	Base Systems for Flange Mount Motors	
200	12846-23	★

Included Components

No.	Description	Qty	Order Code
1	200L Support Frame	1	6473-37 ★
2	200L Unjacketed Flask w/Flush Seal Valve	1	6473-11 ★
	300mm, 7 Neck Head	1	6530-45 ★
	300mm PTFE Gasket	1	6525-51 ★
	300mm Flange Clamp	1	6525-30 ★
3	Torque Wrench, 30 in.-lbs.	1	6525-60 ★
	1/4" Socket	1	6525-61 ★
	100mm Glass Cap	1	15312-33 ★
	100mm CAPFE O-Ring	1	7855-880 ♠
	100mm Quick-release Clamp	1	6517-25 ★
	28mm Glass Stirring Shaft, 82in Length	1	8080-25 ★
	28mm Shaft Collar	1	8127-28 ♠
4	28mm PTFE Ace-Thred Bearing	1	8067-105 ★
	8" O.D. Multi-paddle Style Lower Agitator w/Receptacle	1	8101-38 ★
	6" O.D. Upper Turbine, 45 Degree	2	8093-35 ★
	28mm Shaft Coupling	1	8126-28 ★
5	Flush Seal Drain Valve w/CAPFE O-Ring and Top Pin	1	6482-20 ★
	2" Beaded Pipe Coupling	1	8856-11 ★
6	775 Watt Aluminum Heating Mantle w/Hole, 230VAC	1	12053-75
	2200 Total Watt Girdle Mantle, 2 Circuit, 230VAC	2	12041-53
	Pilot Plant Temperature Controller, 240VAC, 5 Circuit	1	13552-08
7	1/4 x 72" PFA Coated Type "J" Thermocouple	1	12141-30 ★
	Type "J" Coiled Thermocouple Extension Cord	1	12141-80 ★
8	Heat Exchange Cooling Coil, PTFE-Clad Copper	1	12067-80 ★
	29/42 to #15 Ace-Thred Adapter	2	5030-42 ♠
9	#25 to 45/50 Probe Adapter	1	5279-10 ★

