

READY REACTORS **KILO SCALE**

20L Turn-Key System

Ace Glass has pre-packaged our popular size reactors. Complete systems, and set them up for immediate shipment and turn-key operation. Full systems include a universal support stand with custom, jacketed vessels with all the hardware necessary to hook to your recirculating chiller, and a bottom flush-seal outlet valve. Systems come with a 3/8hp DC stir motor rated for hazardous conditions. The reactor heads have standard taper joints, and they will accept any configuration of condensers, funnels, or probes that you wish to add. We have also included our PTFE Ultra Vacuum Stirrer Bearing on both units.

20 Liter Jacketed System

- Working Temp Range (°C): -60 to 200
- Working Pressure Range (Torr): Atm to 0
- Max Jacket Pressure (PSI): 8
- Dimensions (in.): 27.5 x 24.25 x 82.25
- Wetted Surfaces: Borosilicate glass, PTFE
- Motor Mounts: Flange Mount

Turn-Key System

Capacity (L)	Base Systems for Flange Mount Motors
20	10767-952

Systems include the following components:

No.	Description	Qty.	Order Code
1	10-20L Stand w/Mount for 200mm Flange Mount Motors	1	-
2	20L Jacketed Flask	1	10768-118
	200mm, 6 Neck Head	1	89055-376
	200mm, Quick-Release Flange Clamp	1	89055-114
3	60mm, Lid Blank	1	89078-304
	60mm, CAPFE O-Ring	1	89061-162
	60mm, Quick-Release Flange Clamp	1	89055-106
	1in High Temperature Coupling	1	89064-662
	2in High Temperature Coupling	1	89064-666
	1in x 60° Sweep Elbow	1	89064-428
4	19mm, Stir Shaft	1	89061-992
	19mm, Ultra Vacuum Stir Bearing	1	89061-908
	19mm, Swivel Coupling	1	89062-288
	152mm, PTFE Paddle Style Agitator	1	89062-146
	127mm, PTFE 19mm Shaft Agitator	1	10767-330
5	IKA EuroStar 60 Control	1	-
6	Flush Seal Drain Valve	1	89054-660



READY REACTORS KILO SCALE

50L Turn-Key System

Ace Glass has pre-packaged our popular size reactors. Complete systems, and set them up for immediate shipment and turn-key operation. Full systems include a universal support stand with custom, jacketed vessels with all the hardware necessary to hook to your recirculating chiller, and a bottom flush-seal outlet valve. Systems come with a 3/8hp DC stir motor rated for hazardous conditions. The reactor heads have standard taper joints, and they will accept any configuration of condensers, funnels, or probes that you wish to add. We have also included our PTFE Ultra Vacuum Stirrer Bearing on both units.

50 Liter Jacketed System

- Working Temp Range (°C): -60 to 200
- Working Pressure Range (Torr): Atm to 50
- Max Jacket Pressure (PSI): 8
- Dimensions (in.): 27.5 x 24.25 x 82.25
- Wetted Surfaces: Borosilicate glass, PTFE
- Motor Mounts: Flange Mount

Turn-Key System

Capacity (L)	Base Systems for Flange Mount Motors
50	10767-954

Systems include the following components:

No.	Description	Qty.	Order Code
1	30-50L Stand w/Mount for 300mm Flange Mount Motors	1	-
2	50L Jacketed Flask	1	10768-122
	300mm, 7 Neck Head	1	89055-386
	300mm, PTFE Gasket	1	89055-286
	300mm, Coupling	1	89055-274
3	T-Handle Torque Wrench, pre-set to 30in/lbs	1	89055-292
	1/2in Socket, 1/4in Drive	1	89055-294
	100mm, Lid Blank	1	-
	100mm, CAPFE O-Ring	1	89061-166
	100mm, Quick-Release Flange Clamp	1	89055-110
	1in High Temperature Coupling	1	89064-662
	1-1/2in High Temperature Coupling	2	89064-664
	2in High Temperature Coupling	1	89064-666
	1in x 60° Sweep Elbow	1	89064-428
4	28mm, Stir Shaft	1	89062-020
	28mm, Ultra Vacuum Stir Bearing	1	89061-896
	28mm, Swivel Coupling	1	10767-942
	178mm, PTFE Paddle Style Agitator	1	71001-578
	150mm, PTFE 19mm Shaft Agitator	1	89062-176
5	Brushless DC 3/8hp Motor	1	-
	DC Motor Controller	1	-
6	Flush Seal Drain Valve w/pin	1	71001-526

