

# 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

Order

• 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.	Code	
1	10-20L Stand w/Mount for 200mm Flange Mount Motors	1	-	
2	20L Jacketed Flask	1	10768-118	
3	200mm, 6 Neck Head	1	89055-376	
	200mm, Quick-Release Flange Clamp	1	89055-114	
	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	
4	2in High Temperature Coupling	1	89064-666	
	1in x 60° Sweep Elbow	1	89064-428	
	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





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