

Committed to Product Excellence and Continuous Support

an SP Industries Company

Wilmad-LabGlass Equipment



100 mL - 50 L Pilot Plant Reactor

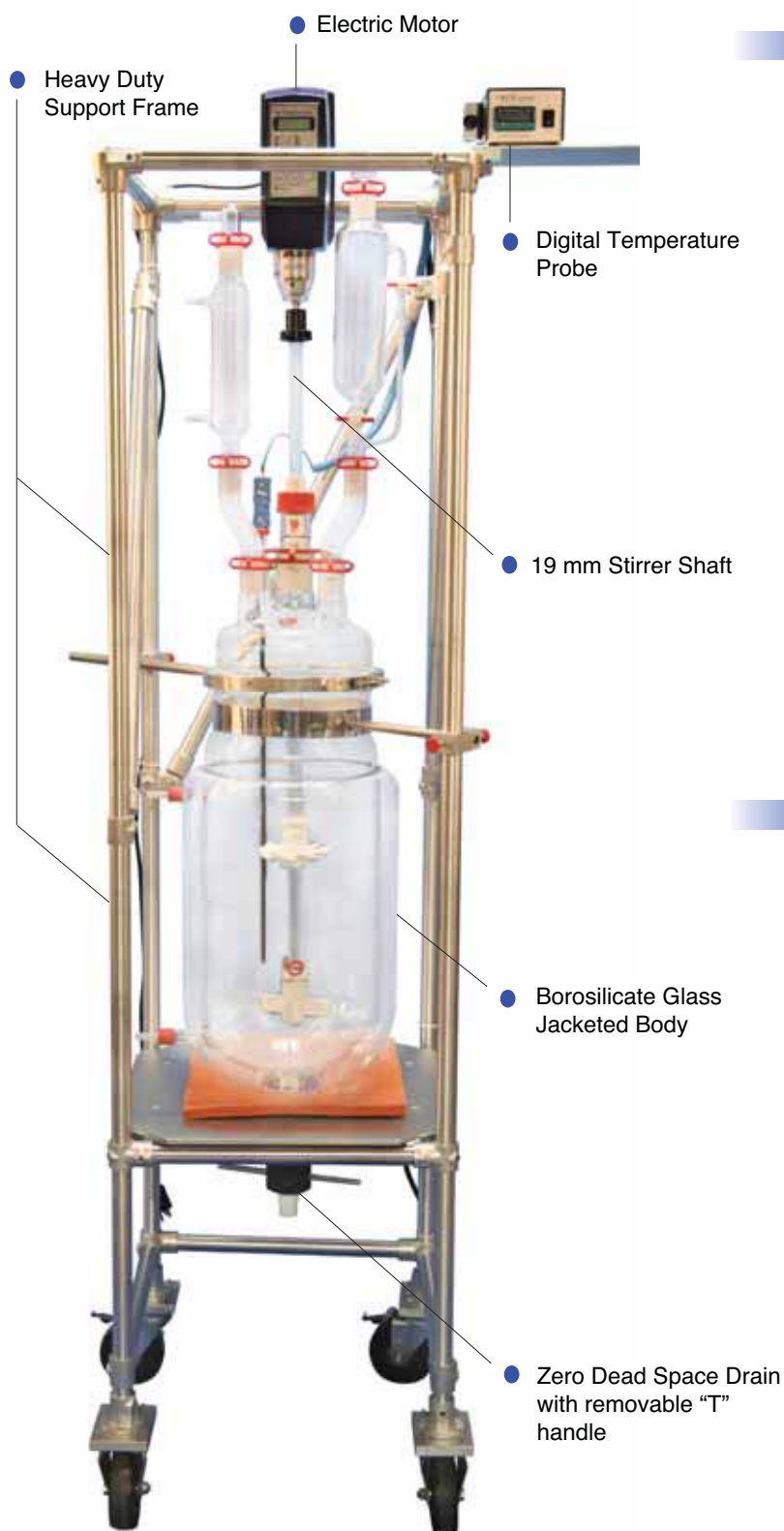
- Complete Benchtop to Large Scale Reactor Solutions for High Performance Applications

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www.wilmad-labglass.com

ISO 9001:2008
Registered

Wilmad-LabGlass provides a wide range of pilot plant reactors from 100 mL to 50 L for high performance applications. Choose between jacketed and unjacketed models. Air driven motor is available for anti-explosive requirements.

Large Scale Pilot Plant Reactor (10 L to 50 L)



Jacketed Model

Electric Motor Version

Model Number	Description
LG-8000-100	10 Liter Reactor Complete, Jacketed
LG-8001-100	15 Liter Reactor Complete, Jacketed
LG-8002-100	20 Liter Reactor Complete, Jacketed
LGR-5000-100	30 Liter Reactor Complete, Jacketed
LGR-5000-102	50 Liter Reactor Complete, Jacketed

Air Driven Motor Version

Model Number	Description
LG-8000-094	10 Liter Reactor Complete, Jacketed
LG-8000-096	15 Liter Reactor Complete, Jacketed
LG-8000-098	20 Liter Reactor Complete, Jacketed
LGR-5000-104	30 Liter Reactor Complete, Jacketed
LGR-5000-106	50 Liter Reactor Complete, Jacketed

Unjacketed Model

Electric Motor Version

Model Number	Description
LG-8000A-100	10 Liter Reactor Complete, Unjacketed
LG-8001A-100	15 Liter Reactor Complete, Unjacketed
LG-8002A-100	20 Liter Reactor Complete, Unjacketed
LGR-6000-100	30 Liter Reactor Complete, Unjacketed
LGR-6000-102	50 Liter Reactor Complete, Unjacketed

Air Driven Motor Version

Model Number	Description
LG-8000A-094	10 Liter Reactor Complete, Unjacketed
LG-8000A-096	15 Liter Reactor Complete, Unjacketed
LG-8000A-098	20 Liter Reactor Complete, Unjacketed
LGR-6000-104	30 Liter Reactor Complete, Unjacketed
LGR-6000-106	50 Liter Reactor Complete, Unjacketed

Benchtop Pilot Plant Reactor (100 mL to 5 L)



● Electric Motor

● Open Frame with Easy Accessibility

● Borosilicate Glass Jacketed Body

● Zero Dead Space Drain

Jacketed Model with Electric Motor

Model Number	Description	Flange (mm)	Valve Size (mm)	Inlet/Outlet ¹
LGR-1000-100	100 mL Reactor Complete, Jacketed	60	0-12	GL-14
LGR-1000-102	250 mL Reactor Complete, Jacketed	60	0-12	GL-14
LGR-2000-100	500 mL Reactor Complete, Jacketed	100	0-20	GL-18
LGR-2000-102	1 L Reactor Complete, Jacketed	100	0-20	GL-18
LGR-3000-100	2 L Reactor Complete, Jacketed	150	0-20	GL-18
LGR-3000-102	3 L Reactor Complete, Jacketed	150	0-20	GL-18
LGR-3000-104	4 L Reactor Complete, Jacketed	150	0-20	GL-18
LGR-3000-106	5 L Reactor Complete, Jacketed	150	0-20	GL-18

1: Inlet and Outlet can be supplied with beaded process pipe.

JULABO Circulator

Julabo
THE TEMPERATURE CONTROL COMPANY

LH40 Plus



FP51-SL



JULABO Model	Working Temperature Range		Temperature Stability	Heating Capacity	Cooling Capacity kW		
	°C				°C	kW	+20°C
LH40 Plus	-40...+250		±0.01	2.6	0.9	0.35	0.01
FP51-SL	-51...+200		±0.05	3	2.0	1.0	0.26

JULABO Model	Pump Capacity Flow Rate/Pressure		Filling Volume	Dimensions (WXLXH)	Suggested Application ²
	L/min	psi			
LH40 Plus	16-30	23.2	3.1	11.8X19.3X25.2	Benchtop 100 - 5000 mL Reactor
FP51-SL	22-26	10.2	11	18.1X21.7X35	Large Scale 10 - 50 L Reactor

2: Suggested chillers for general application. Professional consultation with Wilmad-LabGlass's account managers will properly size the temperature control system with your specific application.

For questions or special configurations contact us at cs@wilmad-labglass.



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SP Service

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