

REACTORS, FILTER, UNJACKETED

5L PROCESS FILTER REACTOR, CYLINDRICAL, UNJACKETED, ELECTRIC

Our unjacketed filter reactors can be used for single or multi-step reactions and filtrations in the same vessel, and large scale peptide synthesis. Filter base eliminates material transfers and significantly reducing losses. Complete reactor system on our ChemRxnHub stand. Supplied with the components listed below and numbered on the schematic drawing.

5L COMPLETE UNJACKETED FILTER REACTORS:

Part Number	Description	Motor Type
CG-1959-U5000	5L Process Filter Reactor, Complete	Electric

Standard Parts - Supplied with complete process reactor systems.

No.	Part No.	Description
1	CG-2095-04	4.0" PTFE Agitator, 60° Impeller Angle
2	CG-2097-U50	19mm Polished Stirrer Shaft, 4 blade glass
3	CG-2077-G-24	19mm Flake-Free PTFE Stirrer Bearing, 45/50
4	CG-2044-C-16	Compact Tru-Stir™ Stirrer Shaft Coupling
5	CG-2054-100	Velp OHS 100 Advance Overhead Stirrer
6	CG-1959-U05	5000mL UnJacketed Filtration Vessel
7	CG-1946-B-11	5-Neck Reaction Vessel Lid, 150mm Flat Flange, 45/50 Outer Joint CN, 24/40 Outer Joint SN (3)
8	CG-141-T-14	150mm S.S. Clamp, PTFE Coated (2ea)
9	CG-147-83	150mm Perfluoro O-Ring (2ea)
10	CG-1949-F150	150mm Filter Support Assembly, Complete Without Filter
11	CG-1949-F153	150mm PTFE Filter, 30 Micron
12	CG-1964-A-10	Glass-Filled PTFE Drain Adapter, 1" Beaded Pipe to 1/2" NPT Male
13	CG-1959-A-01	Drain Valve, 1" Beaded Pipe to 0-14 Valve, 1/2" Swagelock Sidearm
14	CG-1968-66	1" Beaded Pipe Coupling
15	CG-3002-L-24	PTFE Stopper, 24/40 with Loosening Ring (4ea)
16	CG-3059-F150	150mm Filter Support Jack, Anodized Aluminum, 9.4" x 9.4"
17	CG-1949-X-10	Reactor Support Frame, ChemRxnHub
18	CG-1947-B150	150mm Stainless Steel Reactor Clamp, ChemRxnHub

