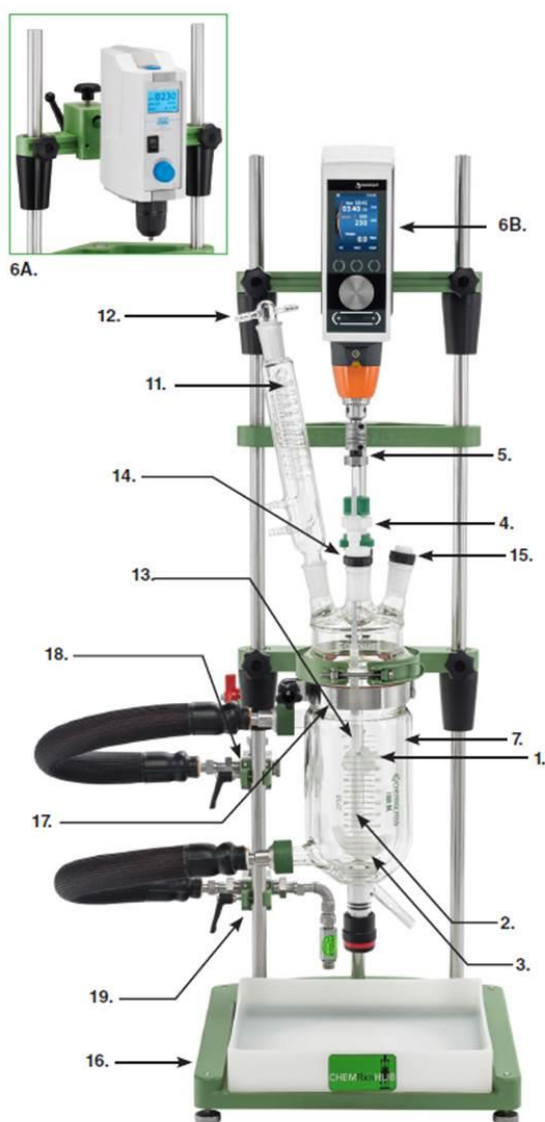


ChemRxnHub Benchtop Process Reactors

ChemRxnHub process systems come complete with benchtop stand, overhead stirrer and glassware. Manifold connection and heat transfer fluid draining system are optionally available. The unique design of the ChemRxnHub support stand and clamping system allows quick and easy installation/removal of glassware and fits into most benchtop hoods. For the parallel utilization of two or three reactors, dual and triple support stands are available.

The standard system is supplied complete with components 1 to 17 featured below.

- Available in the following sizes: 300 ml, 500 ml, 1 l, 2 l and 5 l
- All process systems include glassware, a digital overhead stirrer (6A or 6B) and a stand
- Optional: Inlet and outlet manifold assemblies including triple insulated hose for connection to the vessel jacket
- Also available: large range of accessories like adapters, circulators, glassware (also customized), probes, and sensors.
- Comparable systems up to 100 l can be offered based on your individual needs



Approx. stand dimensions (WxDxH): 40 x 45 x 102 cm

Standard Components of a ChemRxnHub System (1 l)

No.	Qty	Cat.-No.	Description
1	1	CG-2091-04	Stirrer Paddle for 10mm O.D., 50mm, 60°, PTFE
2	1	CG-2078-07	Stirring Shaft, 10mm, Glass, Polished
3	1	CG-2081-A-04	Anchor Style Stir Paddle, 81 mm x 35 mm, PTFE
4	1	CG-2077-G-21	24/40 Stirrer Bearing, PTFE
5	1	CG-2044-C-14	Compact Tru-Stir Stirrer Shaft Coupling
6A	1	CG-2024-10	Overhead Stirrer, digital
6B	1	CG-2030-H-100E	Precision Overhead Stirrer, digital
7	1	CG-1929-X15	1000 mL Reaction Vessel, Glass, Jacketed
8	1	CG-1946-D-01	Lid, Reaction Vessel, Glass, 5-Neck, 100 mm
9	1	CG-141-T-12	100 mm Quick Release Clamp
10	1	CG-147-76	O-Ring, FEP-encased Stainless Steel
11	1	CG-1213-J-01	Condenser, Coil, Reflux, 300 x 41 mm
12	1	CG-1064-01	Adapter, Inert Gas, 24/40, 2- Hose Conn. 180°
13	1	CG-1971-M-10	PTFE-jacketed Stainless Steel Baffle, 410mm
14	1	CG-1971-M-20	24/40 Micro Baffle Adapter, PTFE
15	2	CG-3002-L-24	Stopper, PTFE, 24/40 with Loosening Ring
16	1	CG-1949-X-10	Reactor Support Frame with Drip Tray
17	1	CG-1947-B100	Stainless Steel Reactor Clamp, 100 mm
18 + 19	1	CG-1969-X-10 (consists of components -X-12 and -X-14)	Optional: Inlet and Outlet Manifold Assemblies with Hose connected to Jacket
20	2	CG-1969-V-10	Optional, Alternative to 18 + 19: 30mm Flat Flange S.S. Jacket Adapter, 90°, M16

Process reactor systems with Stainless Steel Accessories





- Reactor vessels: unjacketed and jacketed, borosilicate glass (white or amber), volumes between 2 l and 15 l
- Tripod stands made of anodized aluminium
- Headplate including silicone o-ring with up to 19 screw thread ports of different diameters
- Marine- and Rushton-style impeller blades
- Different adapters for tubings and probes
- Thermowells, head exchangers and cold fingers
- Sampling and aeration tubes
- Baffle assemblies
- Condensers made from stainless steel or glass
- Additional accessories, overhead stirrers, aseptic Lach samplers, individual single-use accessory kits

- Prices upon request -

**You need other components for your application?
No Problem! We can customize your system according to your needs.**

Please contact us for further information.