



CHEMRxnHUB
COMPACT

2026





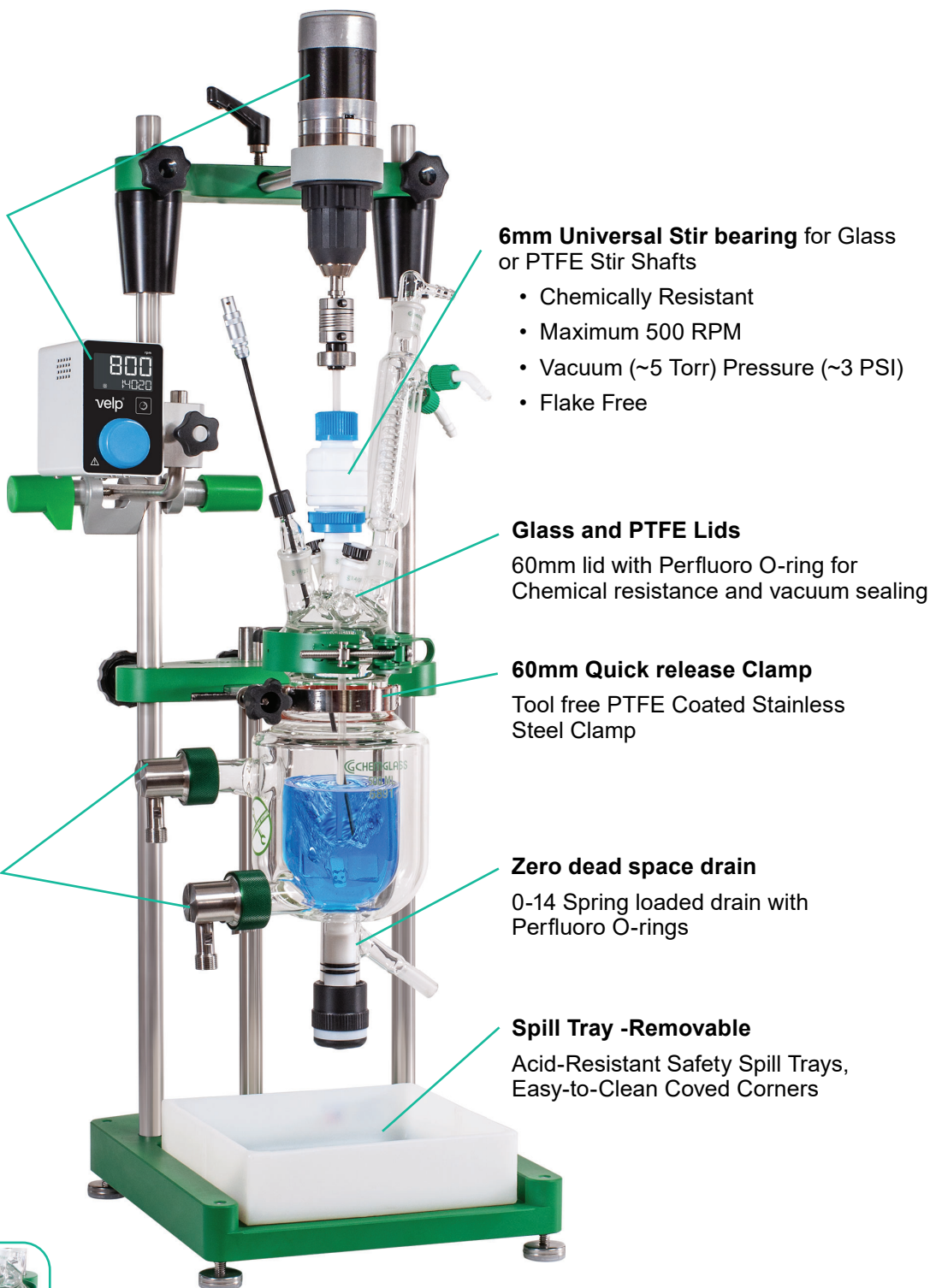
CHEMRxnHUB
COMPACT

Velp OHS70 Compact Over-Head Stirrer with Digital Speed Control, Speed: 30-800 rpm, 70 ncm max torque motor.



Optional CAT Motor Compact Over-Head Stirrer with Digital Speed, 60 ncm

Tool-Free™ Jacket Connections to M16 Male Hoses or jacket fittings can be installed and removed by hand



6mm Universal Stir bearing for Glass or PTFE Stir Shafts

- Chemically Resistant
- Maximum 500 RPM
- Vacuum (~5 Torr) Pressure (~3 PSI)
- Flake Free

Glass and PTFE Lids

60mm lid with Perfluoro O-ring for Chemical resistance and vacuum sealing

60mm Quick release Clamp

Tool free PTFE Coated Stainless Steel Clamp

Zero dead space drain

0-14 Spring loaded drain with Perfluoro O-rings

Spill Tray -Removable

Acid-Resistant Safety Spill Trays, Easy-to-Clean Coved Corners

Optional Manifold and Hose System with triple insulated hoses

M16 Females on one end and a welded on S.S. Tool-Free™ fittings on the opposite end

Inlet Features: S.S. Ball Valve for Draining Jacket Fluid

Outlet Features: Vent Valve to Allow Draining of Jacket Heat Transfer Fluid



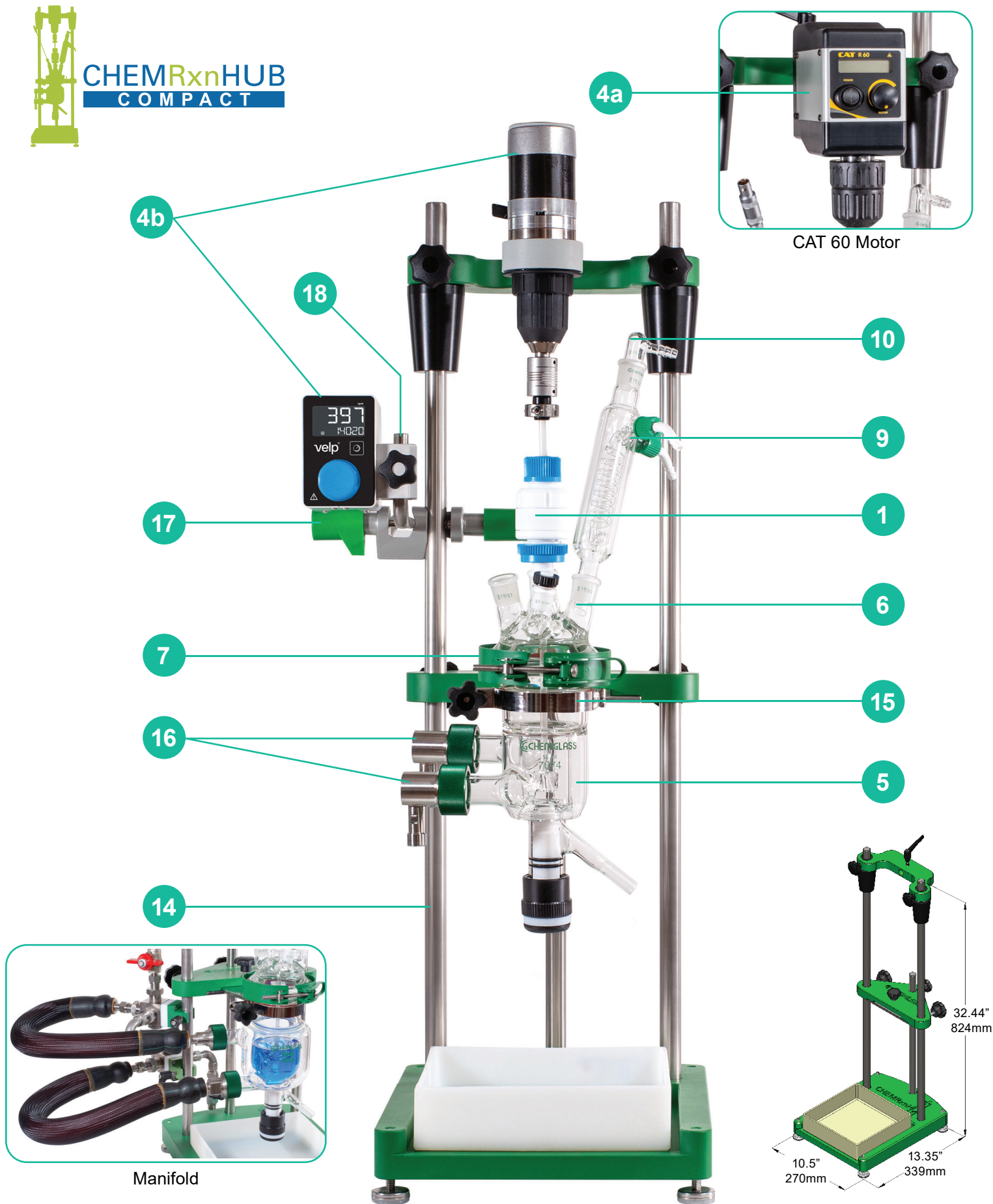
ChemRxnHub Vessel Volume	50mL to 500mL	100mL to 5L
Temperature Range	-70 °C to +230 °C	-70 °C to +230 °C
Tool-Free™ Jacket Connections	•	•
Quick Vessel Swap	•	•
Dimensions (WxDxH)	10.5" x 13.35" x 32.44" 270 x 339 x 824 mm	15" x 17.25" x 44" 456 x 570 x 1103 mm
Lid Flange Size(s)	60mm	100mm and 150mm
Synthesis	•	•
Reflux / Distillation	•	•
Weight of Frame	30lbs	44lbs

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CHEMRxnHUB
COMPACT



ChemRxnHub Compact System, 50mL, Jacketed Lab Reactor

ChemRxnHub Compact process systems are complete with benchtop stand, overhead stirrer and glassware. Available with the optional manifold connection and heat transfer fluid draining system. The unique design of the ChemRxnHub Compact support stand and clamping system allows for quick and easy installation/removal of glassware. Compact design fits into most benchtop hoods.

Part Number	Description	Price
CG-1949-M-0050	50mL Mini Reaction Vessel, Jacketed, Complete with CAT motor	\$8,573.30 *
CG-1949-M-0050M	50mL Mini Reaction Vessel, Jacketed, Complete with CAT motor, Manifold system	\$11,751.00 *
CG-1949-M-0050V	50mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor	\$7,880.20 *
CG-1949-M-0050VM	50mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor, Manifold system	\$11,057.90 *

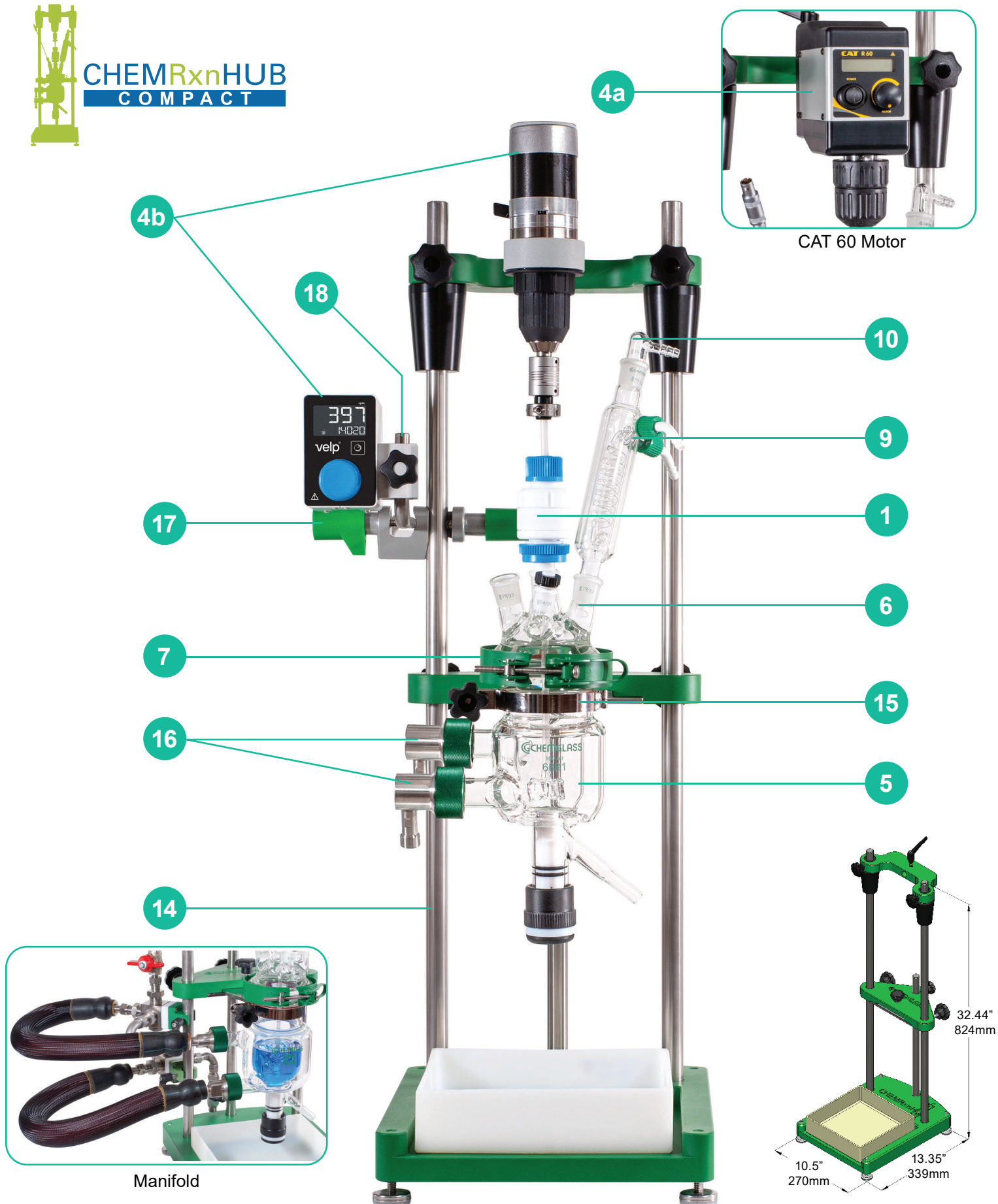
Item No.	Qty	Part No.	Description
1	1	CG-2077-U-006	Chem-Stir 6mm, Bearing/Guide 45mm, 19/22
2	1	CG-2079-M-050	Stirrer Shaft, Ground, 6mm, Glass Agitator, Four-Blade
3	1	CG-2044-C-10	Compact Tru-Stir™ Stirrer Shaft Coupling 6mm
4a	1	CG-2037-M-060	Overhead motor CAT
4b	1	CG-2039-V-10	Velp Overhead motor with separate controller
5	1	CG-1929-M-050	50mL Mini Reaction Vessel, Jacketed
6	1	CG-1943-M-60	Lid, Reaction Vessel, 5-Neck 19/22 CN, 14/20 SN's, 60mm
7	1	CG-141-T-11	60mm Quick Release Clamp, PTFE Coated
8	1	CG-147-80	O-ring, Perfluoro (FFKM), 60mm Flange WHITE
9	1	CG-1213-M-19	Condenser, Reflux, 205mm, 19/22 Joint, Removable Hose Connections, 130mm Jacket Length
10	1	CG-1014-19	Adapter, Inlet, 19/22 Inner Joint, 90°
11	1	CG-3002-L-14	14/20 Stopper, Solid
12	1	CG-3002-L-19	19/22 Stopper, Solid
13	1	CG-1044-M-19	19/22 offset thermocouple holder 1/8" Thermocouple Adapter
14	1	CG-1949-M-10	Reactor Support Frame, ChemRxnHub Compact
15	1	CG-1947-B061	60mm Stainless Steel Reactor Clamp, ChemRxnHub Compact
16	2	CG-1969-V-10	90° Adapter, Stainless Steel, 30mm Tool-Free™ O-ring Flange to M16 Male Thread
17	1	CG-2040-C-20	Heavy Duty Clamp Holder, Fits 3/4" Support Rod, Silver Epoxy Coated (Supplied with Velp motor)
18	1	CG-3498-03	1/2" OD Stainless Steel Support Rod, Bent 90° (Supplied with Velp motor)
Manifold Option			
	1	CG-1969-X-10	ChemRxnHub Manifold System to Include: 1ea CG-1969-X-12 (Outlet Manifold Assembly Complete) and 1ea CG-1969-X-14 (Inlet Manifold Assembly Complete)

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CHEMRxnHUB
COMPACT



ChemRxnHub Compact System, 100mL, Jacketed Lab Reactor

ChemRxnHub Compact process systems are complete with benchtop stand, overhead stirrer and glassware. Available with the optional manifold connection and heat transfer fluid draining system. The unique design of the ChemRxnHub Compact support stand and clamping system allows for quick and easy installation/removal of glassware. Compact design fits into most benchtop hoods.

Part Number	Description	Price
CG-1949-M-0100	100mL Mini Reaction Vessel, Jacketed, Complete with CAT motor	\$8,587.00 *
CG-1949-M-0100M	100mL Mini Reaction Vessel, Jacketed, Complete with CAT motor, Manifold system	\$11,764.72 *
CG-1949-M-0100V	100mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor	\$7,893.85 *
CG-1949-M-0100VM	100mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor, Manifold system	\$11,071.60 *

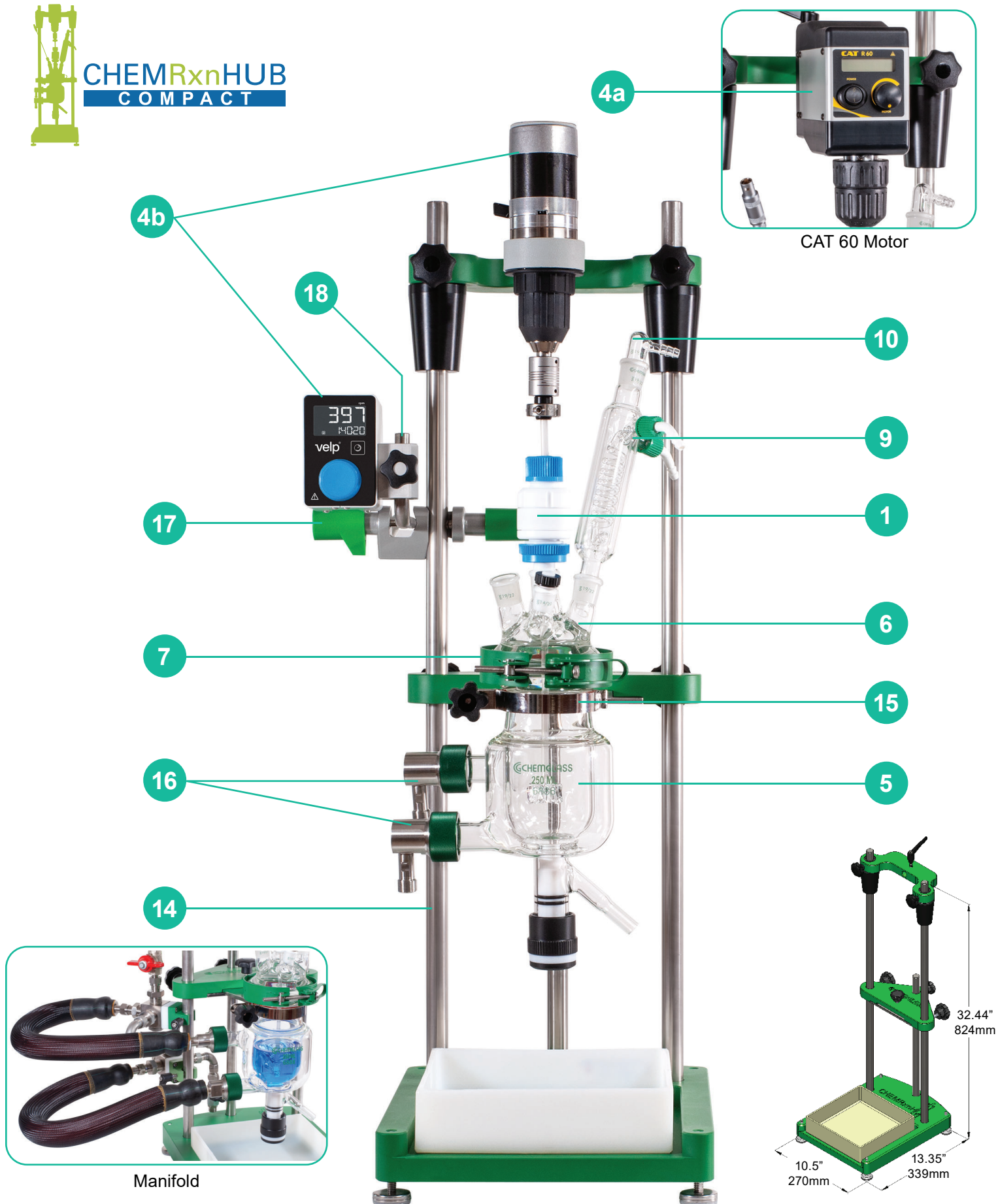
Item No.	Qty	Part No.	Description
1	1	CG-2077-U-006	Chem-Stir 6mm, Bearing/Guide 45mm, 19/22
2	1	CG-2079-M-100	Stirrer Shaft, Ground, 6mm, Glass Agitator, Four-Blade
3	1	CG-2044-C-10	Compact Tru-Stir™ Stirrer Shaft Coupling 6mm
4a	1	CG-2037-M-060	Overhead motor CAT
4b	1	CG-2039-V-10	Velp Overhead motor with separate controller
5	1	CG-1929-M-100	100mL Mini Reaction Vessel, Jacketed
6	1	CG-1943-M-60	Lid, Reaction Vessel, 5-Neck 19/22 CN, 14/20 SN's, 60mm
7	1	CG-141-T-11	60mm Quick Release Clamp, PTFE Coated
8	1	CG-147-80	O-Ring, Perfluoro (FFKM), 60mm Flange WHITE
9	1	CG-1213-M-19	Condenser, Reflux, 205mm, 19/22 Joint, Removable Hose Connections, 130mm Jacket Length
10	1	CG-1014-19	Adapter, Inlet, 19/22 Inner Joint, 90°
11	1	CG-3002-L-14	14/20 Stopper, Solid
12	1	CG-3002-L-19	19/22 Stopper, Solid
13	1	CG-1044-M-19	19/22 offset thermocouple holder 1/8" Thermocouple Adapter
14	1	CG-1949-M-10	Reactor Support Frame, ChemRxnHub Compact
15	1	CG-1947-B061	60mm Stainless Steel Reactor Clamp, ChemRxnHub Compact
16	2	CG-1969-V-10	90° Adapter, Stainless Steel, 30mm Tool-Free™ O-Ring Flange to M16 Male Thread
17	1	CG-2040-C-20	Heavy Duty Clamp Holder, Fits 3/4" Support Rod, Silver Epoxy Coated (Supplied with Velp motor)
18	1	CG-3498-03	1/2" OD S.S. Support Rod, Bent 90° (Supplied with Velp motor)
Manifold Option			
	1	CG-1969-X-10	ChemRxnHub Manifold System to Include: 1ea CG-1969-X-12 (Outlet Manifold Assembly Complete) and 1ea CG-1969-X-14 (Inlet Manifold Assembly Complete)

*Not Subject To Discount

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CHEMRxnHUB
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ChemRxnHub Compact System, 250mL, Jacketed Lab Reactor

ChemRxnHub Compact process systems are complete with benchtop stand, overhead stirrer and glassware. Available with the optional manifold connection and heat transfer fluid draining system. The unique design of the ChemRxnHub Compact support stand and clamping system allows for quick and easy installation/removal of glassware. Compact design fits into most benchtop hoods.

Part Number	Description	Price
CG-1949-M-0250	250mL Mini Reaction Vessel, Jacketed, Complete with CAT motor	\$8,705.50 *
CG-1949-M-0250M	250mL Mini Reaction Vessel, Jacketed, Complete with CAT motor, Manifold system	\$11,883.30 *
CG-1949-M-0250V	250mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor	\$8,012.40 *
CG-1949-M-0250VM	250mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor, Manifold system	\$11,190.15 *

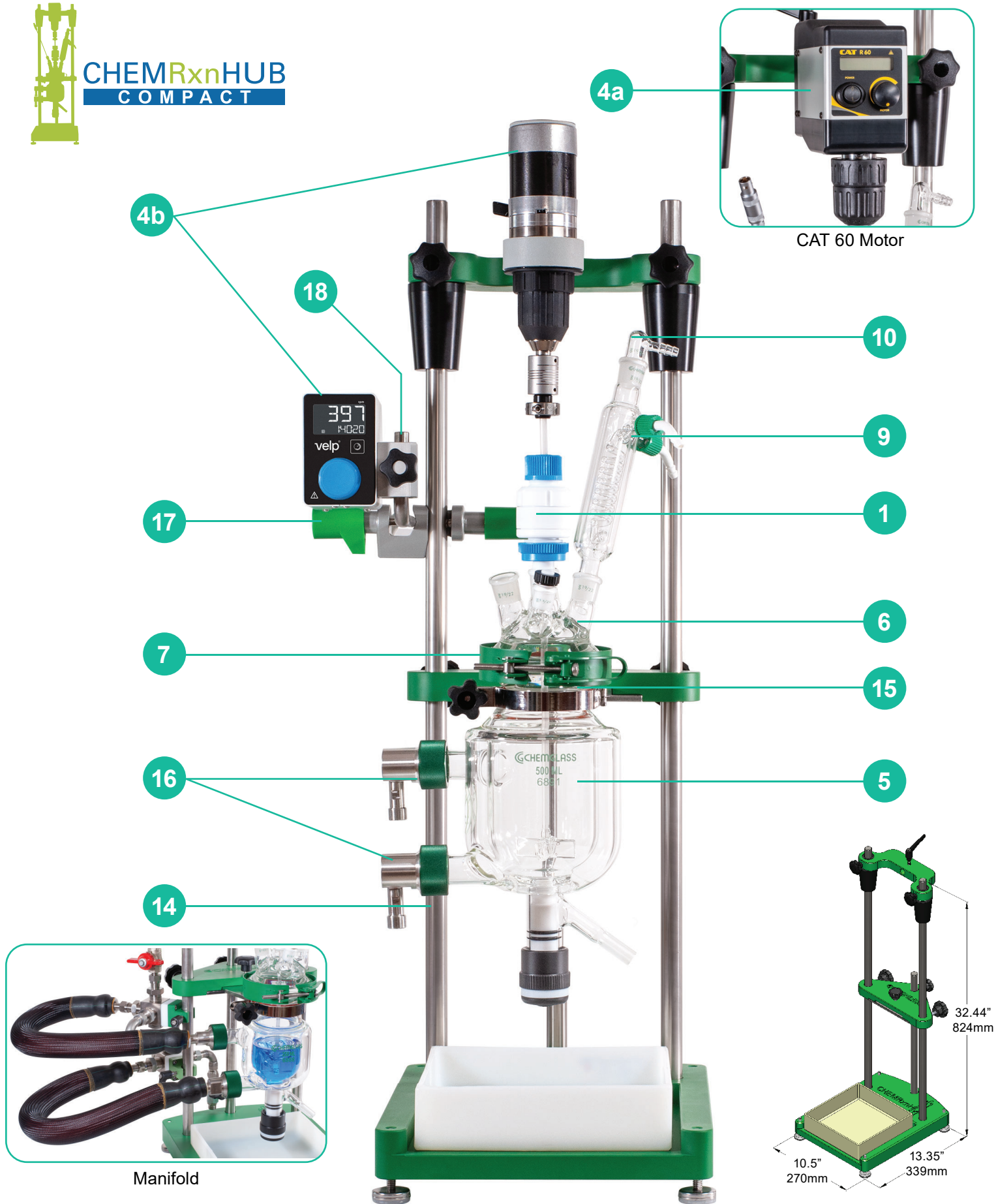
Item No.	Qty	Part No.	Description
1	1	CG-2077-U-006	Chem-Stir 6mm, Bearing/Guide 45mm, 19/22
2	1	CG-2079-M-250	Stirrer Shaft, Ground, 6mm, Glass Agitator, Four-Blade
3	1	CG-2044-C-10	Compact Tru-Stir™ Stirrer Shaft Coupling 6mm
4a	1	CG-2037-M-060	Overhead motor CAT
4b	1	CG-2039-V-10	Velp Overhead motor with separate controller
5	1	CG-1929-M-250	250mL Mini Reaction Vessel, Jacketed
6	1	CG-1943-M-60	Lid, Reaction Vessel, 5-Neck 19/22 CN, 14/20 SN's, 60mm
7	1	CG-141-T-11	60mm Quick Release Clamp, PTFE Coated
8	1	CG-147-80	O-Ring, Perfluoro (FFKM), 60mm Flange WHITE
9	1	CG-1213-M-19	Condenser, Reflux, 205mm, 19/22 Joint, Removable Hose Connections, 130mm Jacket Length
10	1	CG-1014-19	Adapter, Inlet, 19/22 Inner Joint, 90°
11	1	CG-3002-L-14	14/20 Stopper, Solid
12	1	CG-3002-L-19	19/22 Stopper, Solid
13	1	CG-1044-M-19	19/22 offset thermocouple holder 1/8" Thermocouple Adapter
14	1	CG-1949-M-10	Reactor Support Frame, ChemRxnHub Compact
15	1	CG-1947-B061	60mm Stainless Steel Reactor Clamp, ChemRxnHub Compact
16	2	CG-1969-V-10	90° Adapter, Stainless Steel, 30mm Tool-Free™ O-Ring Flange to M16 Male Thread
17	1	CG-2040-C-20	Heavy Duty Clamp Holder, Fits 3/4" Support Rod, Silver Epoxy Coated (Supplied with Velp motor)
18	1	CG-3498-03	1/2" OD S.S. Support Rod, Bent 90° (Supplied with Velp motor)
Manifold Option			
	1	CG-1969-X-10	ChemRxnHub Manifold System to Include: 1ea CG-1969-X-12 (Outlet Manifold Assembly Complete) and 1ea CG-1969-X-14 (Inlet Manifold Assembly Complete)

*Not Subject To Discount

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CHEMRxnHUB
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ChemRxnHub Compact System, 500mL, Jacketed Lab Reactor

ChemRxnHub Compact process systems are complete with benchtop stand, overhead stirrer and glassware. Available with the optional manifold connection and heat transfer fluid draining system. The unique design of the ChemRxnHub Compact support stand and clamping system allows for quick and easy installation/removal of glassware. Compact design fits into most benchtop hoods.

Part Number	Description	Price
CG-1949-M-0500	500mL Mini Reaction Vessel, Jacketed, Complete with CAT motor	\$8,719.20 *
CG-1949-M-0500M	500mL Mini Reaction Vessel, Jacketed, Complete with CAT motor, Manifold system	\$11,897.00 *
CG-1949-M-0500V	500mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor	\$8,026.10 *
CG-1949-M-0500VM	500mL Mini Reaction Vessel, Jacketed, Complete with Velp Mini Overhead motor, Manifold system	\$11,203.85 *

Item No.	Qty	Part No.	Description
1	1	CG-2077-U-006	Chem-Stir 6mm, Bearing/Guide 45mm, 19/22
2	1	CG-2079-M-500	Stirrer Shaft, Ground, 6mm, Glass Agitator, Four-Blade
3	1	CG-2044-C-10	Compact Tru-Stir™ Stirrer Shaft Coupling 6mm
4a	1	CG-2037-M-060	Overhead motor CAT
4b	1	CG-2039-V-10	Velp Overhead motor with separate controller
5	1	CG-1929-M-500	500mL Mini Reaction Vessel, Jacketed
6	1	CG-1943-M-60	Lid, Reaction Vessel, 5-Neck 19/22 CN, 14/20 SN's, 60mm
7	1	CG-141-T-11	60mm Quick Release Clamp, PTFE Coated
8	1	CG-147-80	O-Ring, Perfluoro (FFKM), 60mm Flange WHITE
9	1	CG-1213-M-19	Condenser, Reflux, 205mm, 19/22 Joint, Removable Hose Connections, 130mm Jacket Length
10	1	CG-1014-19	Adapter, Inlet, 19/22 Inner Joint, 90°
11	1	CG-3002-L-14	14/20 Stopper, Solid
12	1	CG-3002-L-19	19/22 Stopper, Solid
13	1	CG-1044-M-19	19/22 offset thermocouple holder 1/8" Thermocouple Adapter
14	1	CG-1949-M-10	Reactor Support Frame, ChemRxnHub Compact
15	1	CG-1947-B061	60mm Stainless Steel Reactor Clamp, ChemRxnHub Compact
16	2	CG-1969-V-10	90° Adapter, Stainless Steel, 30mm Tool-Free™ O-Ring Flange to M16 Male Thread
17	1	CG-2040-C-20	Heavy Duty Clamp Holder, Fits 3/4" Support Rod, Silver Epoxy Coated (Supplied with Velp motor)
18	1	CG-3498-03	1/2" OD S.S. Support Rod, Bent 90° (Supplied with Velp motor)
Manifold Option			
	1	CG-1969-X-10	ChemRxnHub Manifold System to Include: 1ea CG-1969-X-12 (Outlet Manifold Assembly Complete) and 1ea CG-1969-X-14 (Inlet Manifold Assembly Complete)

*Not Subject To Discount

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CG-1014

Adapters, Inlet, Inner Joint, 90°

Allows for flexible tubing to be connected to apparatus for introduction of vacuum or pressure. Hose connection has an O.D. of 10mm at the largest serration and is bent downward at a 90° angle to the inner joint.

Part Number	Description	Price
CG-1014-14	Adapter, Inlet, 14/20 Inner Joint, 90°	\$32.55
CG-1014-19	Adapter, Inlet, 19/22 Inner Joint, 90°	\$34.15



CG-1012

Adapters, Inlet, Inner Joint

Allows for flexible tubing to be connected to apparatus for introduction of vacuum or pressure. Hose connection has an O.D. of 10mm at the largest serration.

Part Number	Description	Price
CG-1012-14	Adapter, Inlet, 14/20 Inner Joint, 55mm Height	\$31.25
CG-1012-19	Adapter, Inlet, 19/22 Inner Joint, 55mm Height	\$32.55



CG-1030

Adapters, Flow Control, PTFE Stopcock, 90°

Used to regulate the flow of gases or liquids into reaction systems. Stopcock has a bore of 2mm. Hose connection has an O.D. of 8mm at the middle serration with the exception of CG-1030-45 which has an O.D. of 14mm.

Part Number	Description	Price
CG-1030-14	Adapter, Flow Control, 90°, 2mm Stpk, 14/20 Inner Joint	\$99.40
CG-1030-19	Adapter, Flow Control, 90°, 2mm Stpk, 19/22 Inner Joint	\$103.40

Adapters, Offset, ChemRxnHub Compact

Offset 19/22 top outer and 19/22 lower inner standard taper joints. Offset to bring CG-1943-M-60 lids compound angle side neck back to vertical.

Part Number	Description	Price
CG-1033-M-19	Adapter, Offset, 19/22 Joint Size, for use with compound angled lid side necks	\$121.00 *



CG-1033-M

Adapters, Distilling/Splitting, Process Reactors, Angled Swagelok®, For Compression Adapters

Compact and simple distilling/splitter adapter for use with Chemglass process reactors lids that have a 10° angled side neck (CG-1943-M-60). Vapor flows upward freely through the large vapors holes to the condenser. Distillate flow is directed using the valve to either the receiving flask or back to the reactor. Control valve is a 0-4mm with a 1/2" OD distillate takeoff for use with CG-1975 compression fittings and TFE tubing. Plugs are supplied complete with CG-309 Perfluoro o-rings.

Part Number	Description	Price
CG-1235-B-19	Adapter, Distilling/Splitting, 19/22, Angled, 0-4mm Valve, 1/2" Compression Fitting, Process Reactor	\$510.00 *



CG-1235-B-19

Adapters, Thermocouple / PT100 Sensor Holder, Inlet, 19/22, Offset

19/22 adapter has a #4 Chem-Thread at the top for vacuum tight seal of 1/8" thermocouple or PT100 sensor. When used reaction vessel lid it can be angled into the bottom of the reactor. Supplied complete with a compression cap and Viton® O-ring.

Part Number	Description	Price
CG-1044-M-19	19/22 Adapter, Offset Thermocouple Holder, 1/8" Thermocouple	\$65.00



CG-1044-M-19

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



Circulators, Ministat, Cooling/Heating, Huber®

Features:

Small Foot-Print: Ideal when space is restricted such as fume hoods or crowded benches.

- Ministat 230: 10" W X 17.7" D X 18.7" H
- Ministat 240: 11.8" W X 18.3" D X 20.3" H

Powerful: Pound for pound, the Ministats are more powerful than any other thermostat in the world.

Robustness: The Case And Base Of The Ministats Are Completely Manufactured From The Same Sheet Of Stainless Steel, Which Eliminates The Need For A Gasket Seal Between Bath And Frame.

Application Flexibility:

- Air-Cooled Or Water-Cooled Refrigeration Machine.
- Variable Pump Control (VPC)
- Optional User Fitted "Displacement Insert" Reduces Bath Volume And Directs Power To The External Application
- Optional User Fitted "Calibration Insert" Improves Control Stability To Better Than 0.01K (DIN 12876) Allows For Laboratory Based Calibrations
- Option: ComBox (NAMUR Standard)



CG-1978-M

Part Number	Description	Price
CG-1978-M440	Circulator, Ministat, 240, Air Cooled, -40 to 200°C Temp Range, 1.6kW Heating Power, 0.35kW Cooling Power @ -20°C, 4.9L Bath Volume, M16 Pump Fitting, 208V, 2~60Hz	Call *
CG-1978-M430	Circulator, Ministat, 230, Air Cooled, -40 to 200°C Temp Range, 1.5kW Heating Power, 0.25kW Cooling Power @ -20°C, 3.2L Bath Volume, M16 Pump Fitting, 115V, 60Hz	Call *



ChemSynt 301 Reaction Station

- From One to Four. Scalable by Design.
- Flexibility Without Limits
- Control Every Variable
- Turn Data into Insight

Contact us for more info...



Read more about the Velp ChemSynt 301 Reaction System on the back cover

huber



Huber® Petite Fleur, The Baby Tango, -40 To 200°C Temp Range, 1.5kw Heating Power, 0.27kw Cooling Power @ -20°C

Features:

- Temperature Range -40 to 200°
- VPC - Adjustable Pressure Control for Glass Reactors
- Brilliant 5.7" TFT Touchscreen with Graphic Display
- User Friendly Control
- Small Foot Print
- Rollers In Rear - Provide Easy Adjustment - Just Lift and Roll

The baby Tango controls applications in the temperature range of -40 to 200°C. The baby Tango is designed to give the operator extremely tight control over the temperature of a process regardless of the varying thermal loads generated by chemical reactions. Low internal volume, high HTF flow rates with low pressure and highly efficient thermal transfer eliminates oil cracking and results in the ability to rapidly ramp the jacket temperature to keep the process at the target temperature. The hydraulically sealed fluid system means no fumes at high temperatures and no moisture absorption at low temperatures. You can expect far longer life times and extended temperature ranges from your expensive thermal fluid with a Unistat. Uniformity in technology and control throughout the range gives each scale of application familiarity unique to the Unistat. They are the system of choice for kilo labs, process research, mini-plants and production.

Please Note: see CG-1969-a adapters and CG-1978-H insulated hose for easy connection of any Huber circulator to Chemglass Life Science reactors.



CG-1978-U495

Part Number	Description	Price
CG-1978-U495	Circulator, Unistat, Petite Fleur, Baby Tango, Air Cooled, -40 to 200°C Temp Range, 1.5kW Heating Power, 0.27kW Cooling Power @ -20°C, M16 Pump, 115V, 60Hz	Call *

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CG-1978-K600

HUBER® KISS K6

- KISS temperature controller
- Bright, large OLED display
- Simple operation with menu navigation
- Simultaneous display of set-point, Tmin, Tmax and actual temperature
- Status displays for pump, cooling and heating
- Over-temperature and low-level protection
- Safety class III/FL (DIN 12876)
- USB and RS232 interfaces
- Autostart function for power failure
- 3 color versions available: grey (standard), blue, red

Cooling bath thermostats with insulated cooling baths are an economic solution for thermoregulation of objects directly in the thermostat bath. The units are therefore suitable for a number of typical heating and cooling tasks such as sample temperature control, materials testing, quality control, analyses, etc. Cooling circulator operates with natural refrigerants and are therefore offer an environmentally friendly solution to temperature control. In addition, cooling circulators are fitted with automatic refrigeration capacity adjustment, reducing energy consumption and waste heat down to the absolute essential. With low level protection and adjustable over heating protection the units fulfill the requirements of Safety Class III/FL according to DIN 12876. The thermostats can also be used for externally attached applications using the pump connections at the rear.

The new KISS controller combines state-of-the-art technology with simple operation and stylish design. KISS models are suitable for routine tasks in research and industry and are convincing as practice oriented basic equipment. Option: PT100 sensor connection to display (not control) e.g. of the process temperature (only available factory fitted, additional charge).

Part Number	Description	Price
CG-1978-K600	Huber KISS K6	Call *



Ministat Bath Fluid, Huber®

Fluid for Huber® Ministat open bath circulators.

Part Number	Description	Price
CG-1978-F132	Bath Fluid, Huber, Siloil M40.165.10, Min Temp. -40°C, Max Temp.: Open Bath: +165°C / Closed System: +220°C, 10L Container	Call *

See more option on our website

Bath Fluid, Unistat, Huber®, DW-Therm, -90 To +200°C**Properties:**

DW-Therm is a mixture of Isometric Triethoxysilane and has been developed for hydraulically sealed systems.

- Broad working Range from -90 to +200°C (Hydraulically sealed systems)
- Excellent Thermooxidative Stability at High Temperatures
- Low Viscosity at Low temperatures
- Low Volatility and Pleasant Odor
- Easy Handling (No Creeping Like Silicone Oils)
- Good Compatibility with Silicone Oils
- Insoluble in Water and Environmentally Friendly
- No Known Toxicity

Part Number	Description	Price
CG-1978-F180	Unistat Bath Fluid, DW-Therm Huber, -90 to +200°C, 10L Container	Call *



CG-1978-F132

CG-1978-F180

Bath Fluid, Dynalene Ethylene Glycol 50%, 2.5 Gallons, -51 To 121°C

Dynalene EG (-51°C to 121°C) is an inhibited technical grade ethylene glycol for use in most industrial applications. It is blended with Dynalene PE-1 inhibitor for pH stability and superior corrosion protection for steel, copper, brass and other metals. Dynalene's inhibited ethylene glycol products utilize a unique corrosion inhibitor package that offers superior corrosion protection for most metals, including carbon steel, brass, copper, stainless steel, and cast iron, by creating a corrosion-preventing passive layer on the surface that contacts the Dynalene ethylene glycol, thereby increasing the lifetime of the system components. It also stabilizes the pH of the fluid, keeping it in the range that is suitable for the metals in your system. The corrosion inhibitors are easily topped off, thus decreasing time between the fluid replacements.

Part Number	Description	Price
CG-1978-F300	Dynalene Ethylene Glycol 50%, -51°C to 121°C, 2.5 Gallons	\$170.55 *



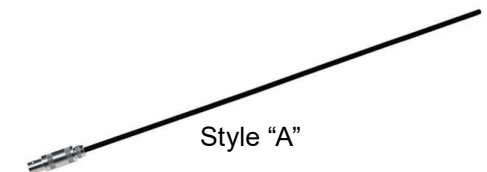
CG-1978-F300

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



Style "B"



Style "A"

CG-1978-P

PT100 RTD Temperature Sensors, Shielded Cable, PFA Coated, PT-100

PT100 RTD temperature sensor is for direct insertion into flasks and process reactors using any O-Ring style compression adapter, such as the CG-1042-E. Probes are constructed using shielded cable to ensure a clean signal.

Part Number	Description	Price
CG-1978-P901	PT100 Sensor, Constructed with Shielded Cable, the Lemo Connector Provides An Area for a Ground Connection, PFA Coated, 1/8" OD x 6" Long, Style "A"	\$435.00 *
CG-1978-P902	PT100 Sensor, Constructed with Shielded Cable, the Lemo Connector Provides An Area for a Ground Connection, PFA Coated, 1/8" OD x 12" Long, Style "A"	\$462.55 *
CG-1978-P910	PT100 Sensor, 1/8" OD x 12" Length, PFA Coated, 12ft lead, Green Shielded Cable, Lemo Connector, Strain Relief Spring, Style "B"	\$757.25 *



CG-3944-M-10

Cable, Green Shielded, 12ft Lead, Lemo Connector, Strain Relief Spring Male Lemo To Female Lemo

For use with CG-1978-P RTD sensors.

Part Number	Description	Price
CG-3944-M-10	12ft lead, Green Shielded Cable, Lemo Connector, Strain Relief Spring Male Lemo to Female Lemo	\$498.25 *



CG-1978-H

M16 Hoses, Insulated, Huber®

Insulated steel hose for connection of Huber® circulators to Chemglass reactors. Temperature range: -100°C - 350°C. Listed female end fitting for attachment directly to our inlet/outlet connections CG-1969-A.

Part Number	Description	Price
CG-1978-H100	Hose, Insulated, Huber, M16 Female End Fittings, 1.0m Length	Call *
CG-1978-H104	Hose, Insulated, Huber, M16 Female End Fittings, 1.5m Length	Call *
CG-1978-H108	Hose, Insulated, Huber, M16 Female End Fittings, 2.0m Length	Call *
CG-1978-H112	Hose, Insulated, Huber, M16 Female End Fittings, 3.0m Length	Call *

M16 Hoses, Flexible, Triple Insulated

For connection of circulators to Chemglass reactors. Hoses are flexible stainless steel tubing, insulated with fiberglass and silicone. Temperature range -80 to 200° C. Both ends have a M16 x 1 Female fitting for attachment directly to our inlet/outlet connections see CG-1969-A. Adapters are available for connection to most circulators.

Part Number	Description	Price	
CG-1969-B-01	Triple Insulated Hose, 1ft Length	\$349.60	*
CG-1969-B-02	Triple Insulated Hose, 2ft Length	\$365.90	*
CG-1969-B-04	Triple Insulated Hose, 4ft Length	\$520.35	*
CG-1969-B-06	Triple Insulated Hose, 6ft Length	\$642.25	*
CG-1969-B-08	Triple Insulated Hose, 8ft Length	\$924.75	*



CG-1969-B

Quick Disconnects, 316 Stainless Steel, 1/2 Inch, M16

Stainless Steel Quick connects terminating in either both male or both female M16 thread. Quick connects have fluorosilicone seals. Both male and female couplers have shutoffs. Quick connects provide an easy and convenient way to change out reactor systems or disconnecting hoses. Temperature range is -60 to 200° C. M16 fittings are compatible with the Chemglass ball valves, hoses and adapters.

Please Note: two quick connect sets are required per reactor setup.

Part Number	Description	Price	
CG-1969-Q-75	Quick Connect Set, 1/2" 316 S.S., Both Ends Terminate in M16 Male	\$675.00	*
CG-1969-Q-76	Quick Connect Set, 1/2" 316 S.S., Both Ends Terminate in M16 Female	\$729.45	*
CG-1969-Q-77	Quick Disconnect Female Coupler, 1/2" 316 S.S., M16 Male End	\$387.20	*
CG-1969-Q-79	Quick Disconnect Plug (Male), 1/2" 316 S.S., M16 Male End	\$288.05	*



CG-1969-Q

Stainless Steel Clamps For Duran® Reaction Flanges And Lids, PTFE Coated

Made entirely from stainless steel and PTFE coated for chemical durability, the clamp has three sections that firmly hold reaction vessel and lid together. Quick release mechanism has a screw adjustment for tension applied to the flange

Part Number	Description	Price	
CG-141-T-11	60mm Quick Release Clamp, PTFE Coated	\$156.05	*



CG-141-T

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CG-145-03



CG-145-04

Clamps, Keck, Standard Taper Joints

Made of Delrin®, the clamp is non-corrosive and will not scratch glass. Can be used to 140° C. Color coded for easy identification.

Sold in packages of 10.

Part Number	Description	Qty	Price	
CG-145-03	Clamp, Keck, Yellow, Standard Taper, Fits Joint Sizes 14/20 & 14/35	10	\$30.65	*
CG-145-04	Clamp, Keck, Blue, Standard Taper, Fits Joint Sizes 19/22 & 19/38	10	\$31.45	*

S.S. Clamps, 60mm, ChemRxnHub Compact Reactors

Replacement 60mm S.S. Reactor clamps for ChemRxnHub Compact™ support stands.

Part Number	Description	Price	
CG-1947-B061	60mm Stainless Steel Reactor Clamp, ChemRxnHub Compact	\$322.40	*

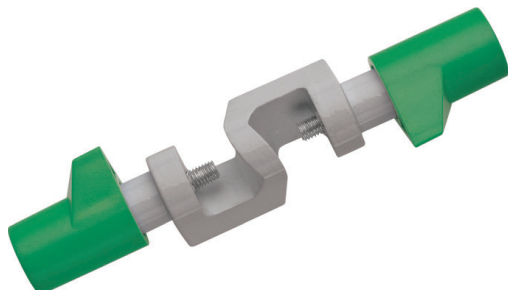


CG-1947-B061

Clamp Holders, Heavy Duty

Heavy duty epoxy coated alloy clamp has high tensile strength and corrosion resistance. Can be used to support stirrers, temperature monitors and condensers. Large hand knobs allow easy adjustment and secure clamping power. Useful wherever clamping at 90° is required.

Part Number	Description	Price	
CG-2040-C-20	Heavy Duty Clamp Holder, Fits 3/4" Support Rod, Silver Epoxy Coated, fits ChemRxnHub and ChemRxnHub Compact	\$49.75	*



CG-2040-C-20

Condensers, Reflux, 19/22, ChemRxnHub Compact

Reflux condenser having an internal coil that is water jacketed with 19/22 joints. Vapors are condensed both on the coil and the inner wall of the jacket. The top end has a standard taper outer joint and the lower end has an inner drip tip joint. Removable Hose connections have an O.D. of 8mm and an I.D. of 4mm. Supplied complete with two GL-14 open top screw caps. See CG-198 and CG-195 for replacement GL fittings.

Part Number	Description	Price
CG-1213-M-19	Condenser, Reflux, 205mm, 19/22 Joint, Removable Hose Connections, 130mm Jacket Length	\$395.00 *

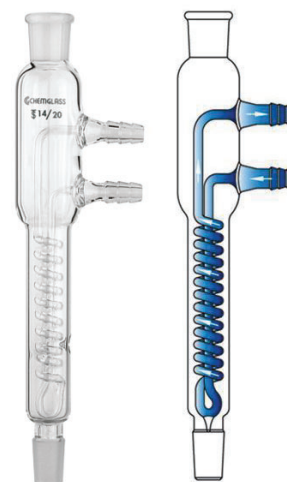


CG-1213-M

Condensers, Reflux

Coil style reflux condenser with tightly wrapped coil providing maximum cooling. Excellent for use with high vapor pressure solvents. Condenser has a top outer standard taper joint and lower inner drip tip joint. Hose connections have an O.D. of 10mm at the middle serration.

Part Number	Description	Price
CG-1213-14	Condenser, Reflux, 205mm, 14/20 Joint, Style A, 100mm Jacket Length	\$221.75
CG-1213-19	Condenser, Reflux, 205mm, 19/22 Joint, Style A, 100mm Jacket Length	\$333.10



CG-1213

Funnels, Powder, Modified, ChemRxnHub Compact

Similar to CG-1720, but with one side flattened to allow funnel to be used in multi-neck flasks where space is limited. Flat side dimension is the distance between the center of the standard taper inner joint and the flattened side of the funnel. Funnels have 60° angled sides with a standard taper inner joint.

Part Number	Description	Price
CG-1721-14	50mm Powder Funnel, Modified, 14/20 Inner Joint, 42mm Flat Sided Length	\$81.00 *



Top View

CG-1721-14

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com

CG-1969-X-14
Inlet Manifold
Assembly



CG-1969-X-10

CG-1969-X-12
Outlet Manifold
Assembly



Manifold Systems, Benchtop Process Reactors

The Chemglass manifold system for use with CG-1949-X ChemglassRxnHub™ frame system allows for easy and safe connection of your circulator to our glass process reactors. Manifold helps alleviate excessive mechanical forces placed on the glass vessel inlet/outlet. System is supplied complete as illustrated with Triple Insulated Flexible Hose. Hoses have welded on S.S. Tool-Free™ fitting on one end and M16 Female fitting on the other. Hoses to connect manifold to circulator are **NOT** supplied and must be ordered separately.

Please Note: temperature limitations on manifold is -60 to 200°C.

Inlet Features:

- Triple Insulated Flexible Hose has M16 Female on one end and a welded on S.S. Tool-Free™ Fitting for Direct Connection to CG-1929-X Inlet/Outlet
- S.S. Ball Valve for Draining Jacket Fluid

Outlet Features:

- Vent Valve to Allow Draining of Jacket Heat Transfer Fluid
- Triple Insulated Flexible Hose has M16 Female on one end and a welded on S.S. Tool-Free™ Fitting for Direct Connection to CG-1929-X Inlet/Outlet

Specifications:

Circulator Size End Fitting: M16

For Use with Reactor Capacity: 300mL to 5L

Reactor Jacket Fitting: Tool-Free™

Fits Support Frame: CG-1949-X, S.S. Pipe OD: 3/4"

Part Number	Description	Price
CG-1969-X-10	ChemRxnHub Manifold System to Include: 1ea CG-1969-X-12 (Outlet Manifold Assembly Complete) 1ea CG-1969-X-14 (Inlet Manifold Assembly Complete)	\$3,914.10 *



M16 Stainless Steel Ball Valve, Black Handle, Huber® Circulator Fittings

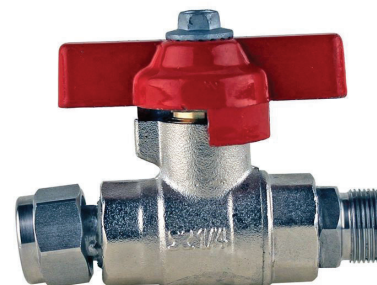
Part Number	Description	Price
CG-1969-M-20	M16 S.S. Ball Valve, Black Handle	\$190.00 *



CG-1969-M-20

M16 Stainless Steel Ball Valve, Red Handle, Huber® Circulator Fittings

Part Number	Description	Price
CG-1969-M-21	M16 S.S. Ball Valve, Red Handle	\$190.00 *



CG-1969-M-21

Adapters, M16 Stainless Steel 90° Elbow, Huber® Circulator Fittings

Part Number	Description	Price
CG-1969-M-22	M16 S.S. 90° Elbow Huber® Circulator Fitting	\$225.00 *



CG-1969-M-22

O-Rings For Reaction Vessels And Lids

O-Ring for Chemglass reaction vessels and lids. Available in Viton®, Silicone, Perfluoro (FFKM), FEP encapsulated Silicone and FEP encapsulated S.S. spring. The S.S. spring maintains resilience even in long term exposure to cryogenic temperatures.

Temperature Range:

Viton®: -30 to 200°C

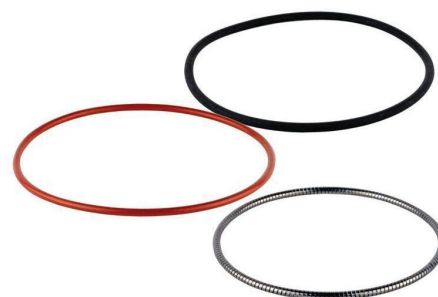
Silicone: -50 to 230°C

Perfluoro (FFKM): -7 to 230°C

FEP Encapsulated Silicone: -62 to 205°C

FEP Encapsulated Stainless: -250 to 205°C

Part Number	Description	Price
CG-147-20	O-Ring, Viton®, 60mm Flange	\$11.25 *
CG-147-30	O-Ring, Silicone, 60mm Flange	\$16.40 *
CG-147-80	O-Ring, Perfluoro (FFKM), White, 60mm Flange	\$321.50 *
CG-147-40	O-Ring, FEP-Silicone, 60mm Flange	\$39.15 *
CG-147-75	O-Ring, FEP-Stainless Steel, 60mm Flange	\$130.10 *



CG-147 O-RING

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CG-1929-M-50



CG-1929-M-100



CG-1929-M-250



CG-1929-M-500

Reaction Vessels, Jacketed, Benchtop, Tool-Free™ Flat Flanges, 60mm Flat O-Ring Flange, Mini Jacketed Lab Reactor – JLR, ChemRxnHub Compact

- Tool-Free™ Jacket Connection Design Allows Hose to be Attached or Removed by Hand Without Using Tools
- Chemically Resistant Perfluoro O-Rings on All CG-911-A Spring loaded Drain
- Sidearm on Lower Drain Valve can be Used with a Standard 1/2" TFE, PFA or Polypropylene Compression Fitting

Jacketed reaction vessel with Inlet/outlet that has our tool-free flat flange connector. No Tools Are Necessary to attach hose fittings to the inlet and outlet of the jacket. Vessels with our spring loaded 0-14mm drain valve supplied complete with one-piece plug and control knob with WHITE indicator band. Spring loaded plug is designed to be used at -60 to 230°C. The sidearm on the CG-911-A valve is 1/2" ground tubing Valves are designed to seal flush with the bottom of the flask avoiding the dead space normally associated with stopcock drains. This feature permits total mixing and draining of the contents of the reactor. Reaction vessel is constructed with a 60mm flange having a groove formed in the sealing surface of the flange. For clamps see CG-141 or CG-141-T. For O-Rings see CG-147.

Part Number	Description	Price
CG-1929-M-50	50mL Mini Reaction Vessel, Jacketed, 60mm Flat O-Ring Flange, 30mm Flat Flange Inlet/Outlet, CG-911-X Drain	\$1,105.00 *
CG-1929-M-100	100mL Mini Reaction Vessel, Jacketed, 60mm Flat O-Ring Flange, 30mm Flat Flange Inlet/Outlet, CG-911-X Drain	\$1,120.00 *
CG-1929-M-250	250mL Mini Reaction Vessel, Jacketed, 60mm Flat O-Ring Flange, 30mm Flat Flange Inlet/Outlet, CG-911-X Drain	\$1,250.00 *
CG-1929-M-500	500mL Mini Reaction Vessel, Jacketed, 60mm Flat O-Ring Flange, 30mm Flat Flange Inlet/Outlet, CG-911-X Drain	\$1,265.00 *

Reaction Vessel Lids, 60mm 5-Necks, ChemRxnHub Compact Reactors

Five neck reaction vessel lid to fit CG-1929-M vessels. Side necks are on compound angles, 10° and 15°. Lid has a flat ground surface allowing it to be greased or used with an o-ring.

Part Number	Description	Price
CG-1943-M-60	Lid, Reaction Vessel, 5-Neck, 60mm, 19/22 CN, (2) 19/22 Compound Angled SN's, (2) 14/20 Compound Angled SN's	\$559.75



CG-1943-M-60

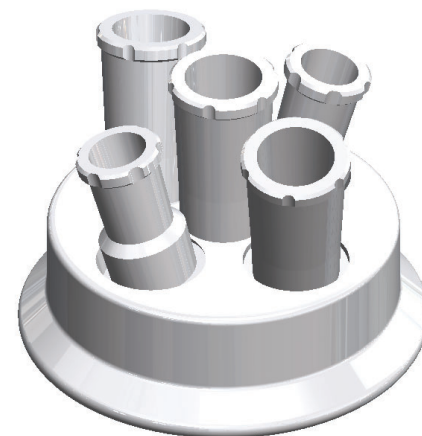


Reaction Vessel Lids, PTFE, 60mm

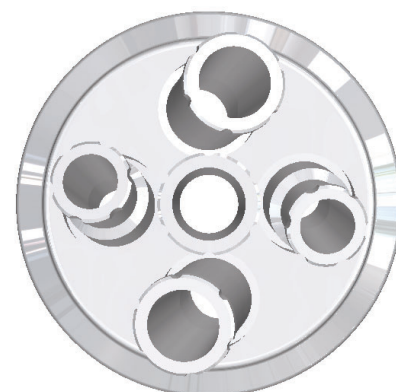
Reaction vessel lid is constructed entirely of PTFE. Low-form lid has five openings:

- Center Neck Port – 19/22 Outer
- 2x – Side Neck Ports – 14/20 Outer – 10° Compound
- 2x - Side Neck Ports – 19/22 Outer – 10° Compound

Part Number	Description	Price
CG-1945-T-40	Reaction vessel lid, 60mm, 5-neck, 19/22 center neck, 2-19/22 outer side necks and 2 -14/20 outer side necks, side necks 10 degree x 10 degree compound angle	\$645.00 *



CG-1945-T-40



*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CG-2079-M

Stirring Shafts, Ground, 6mm, Four-Blade 15°, Glass Agitator, ChemRxnHub Compact Reactors

Shaft is precision ground to fit our 6mm CG-2077-U Universal bearings. Designed to be used with cylindrical type reactors. The straight glass blades are spaced 90° apart and angled 15°.

Please Note: Stirrer shafts are designed for counter-clockwise rotation.

Part Number	Description	Price	
CG-2079-M-050	Stirrer Shaft, Ground, 6mm OD x 311mm OAL, 25mm OD 15° Glass Agitator 15mm Wide x 1/4" Thick, Four-Blade, for 50mL ChemRxnHub Compact Reactor	\$189.00	*
CG-2079-M-100	Stirrer Shaft, Ground, 6mm OD x 326mm OAL, 35mm OD 15° Glass Agitator 15mm Wide x 1/4" Thick, Four-Blade, for 100mL ChemRxnHub Compact Reactor	\$189.00	*
CG-2079-M-250	Stirrer Shaft, Ground, 6mm OD x 346mm OAL, 45mm OD 15° Glass Agitator 15mm Wide x 1/4" Thick, Four-Blade, for 250mL ChemRxnHub Compact Reactor	\$189.00	*
CG-2079-M-500	Stirrer Shaft, Ground, 6mm OD x 373mm OAL, 50mm OD 15° Glass Agitator 15mm Wide x 1/4" Thick, Four-Blade, for 500mL ChemRxnHub Compact Reactor	\$189.00	*



CG-2079-T

Stirring Shafts, PTFE Covered Stainless Steel, 6mm, Four-Blade 45°, ChemRxnHub Compact Reactors

Shaft is precision ground to fit our 6mm CG-2077-U Universal bearings. Designed to be used with cylindrical type reactors. The straight PTFE blades are spaced 90° apart and angled 45°.

Shaft is constructed using a molding process whereas the blade is molded directly onto the PTFE coated stainless steel shaft. This makes the stirrer chemically inert, easy to clean and can be used up to 280°C. The top of the shaft 4mm OD x 16mm long exposed stainless steel to be connect to CG-2044-C 4mm OD.

*PTFE Conforms to USP Class VI and FDA Requirements.

*PTFE can be sterilized by all usual means except gamma radiation.

Part Number	Description	Price	
CG-2079-T-050	PTFE covered S.S. Stirrer Shaft, 6mm OD x 311mm OAL, 25mm OD 15° Agitator Four-Blade For 50mL ChemRxnHub Compact Reactor	\$325.00	*
CG-2079-T-100	PTFE covered S.S. Stirrer Shaft, 6mm OD x 326mm OAL, 35mm OD 15° Agitator Four-Blade For 100mL ChemRxnHub Compact Reactor	\$339.15	*
CG-2079-T-250	PTFE covered S.S. Stirrer Shaft, 6mm OD x 346mm OAL, 45mm OD 15° Agitator Four-Blade For 250mL ChemRxnHub Compact Reactor	\$335.10	*
CG-2079-T-500	PTFE covered S.S. Stirrer Shaft, 6mm OD x 373mm OAL, 50mm OD 15° Agitator Four-Blade For 500mL ChemRxnHub Compact Reactor	\$335.00	*

Tru-Stir™ Stirrer Shaft Couplings, Compact

Similar to CG-2044 but the overall height is 1" shorter. The unique design of our Tru-Stir™ stirrer shaft coupling eliminates the need to use rubber hose or universal adapters to attach your stirrer shafts to overhead stir motors. Coupling incorporates a unique helical S.S. spring permitting up to 1/8" of offset misalignment. Coupling is rated for 21 in-lbs of torque without the backlash normally associated with common coil springs.

Lower portion of coupling has a nylon adapter with a one piece collar for attachment to 4mm, 6.35mm, 10mm, 12.7mm, 19mm stirrer shafts. Upper adapters permit the coupling to be used with a standard Jacobs style 3-jaw chuck or motors having shaft diameters of 5/16", 3/8", 12mm, 1/2", 5/8" or 3/4". Adapter is also available for use with CG-2047 flexible shafts having 5/16" end fittings. Overall length of the coupling is 3". Supplied complete with an allen wrench set.

Part Number	Description	Price	
CG-2044-C-04	Compact Tru-Stir™ Shaft Coupling fits 4mm Shaft OD for use with Jacobs Chuck	\$298.30	*
CG-2044-C-10	Compact Tru-Stir™ Shaft Coupling fits 6.35mm Shaft OD for use with Jacobs Chuck	\$298.30	*



CG-2044-C

Stirrer Bearings, Universal Chem-Vac, PTFE, Glass Ball Bearing, 6mm

- FLAKE-FREE
- Chemically Resistant
- Maximum 500 RPM
- Vacuum (~5 Torr) and Pressure (~3 PSI)
- Polymer Blend Sleeve Provides Excellent Wear Resistance
- For Use with Polished Glass, PTFE or Stainless-Steel Stirrer Shafts

Universal Chem-Vac™ PTFE stirrer bearing provides a VACUUM TIGHT FLAKE-FREE SEAL on GLASS, PTFE or S.S. stir shafts. Upper portion of bearing rotates with the stirrer shaft providing a flake-free seal. The bearing consists of a PTFE standard taper body, Glass filled polypropylene screw cap, PEEK®/PTFE sleeve and a glass filled polypropylene loosening nut and a specially designed glass ball-bearing for rigidity and smoothness of operation. The polymer blend sleeve provides a long-lasting seal for use up to 500rpm. Loosening nut above the standard taper inner joint allows easy and quick removal. Bearing is 44mm O.D. at its widest point.

Part Number	Description	Price	
CG-2077-U-006	Chem-Stir 6mm, Bearing/Guide 45mm, 19/22	\$610.00	*



CG-2077-U 6MM



ChemSynt 301 Reaction Station

- From One to Four. Scalable by Design.
- Flexibility Without Limits
- Control Every Variable
- Turn Data into Insight

Contact us for more info...



Read more about the Velp ChemSynt 301 Reaction System on the back cover

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



CG-2037-M-060

Stirrer, Digital Over-Head Stirrer / Mixer, Compact, 60ncm, 100-240v/50-60hz

Brushless digital over-head stirrer stands out for high torque compared to their light weight and slim dimensions. They are suited for applications with high torque (up to 50,000mPas) and medium volumes (up to 60L) especially where the space requirements are limited.

- Maintenance-free motor
- Compact & light
- Hollow shaft
- Overload & overheat protection
- PC interface
- Quick-release chuck
- Low voltage power supply
- Suitable for continuous duty

Part Number	Description	Price
CG-2037-M-060	Stirrer Over-Head Motor CAT R60D-PC Brushless 24V	\$2,360.00 *



Speed range [1/min]	30 - 800
Digital display type	LCD
RPM display	Yes
Timer display	-
Timer function	-
Absolute torque display	-
Relative torque display	-
Torque, max. [Ncm]	60
Stirring quantity, max. (H2O) [l]	100
Viscosity, max. [mPas]	50
Chuck range [mm]	1 – 10.5
Chuck type	Keyless
Hollow Shaft	Yes
Power supply [V]	24VDC 60W
External power supply	Yes
PC interface	RS 232
Analogue input	-
Analogue output	-
Weight [kg]	1.3
Width [mm]	68
Height [mm]	172
Depth [mm]	130
Protection class according to DIN EN 60529	IP42
Overheat protection	Yes
Overload protection	Yes
Motor type	BLDC
Shaft rotation	CCW
Operation mode	Long-time duty
Certification	CE

Velp Compact Over-Head Motor With Remote Digital Speed Controller

Brushless DC motor features powerful torque, compact size, and no maintenance. Brushless gear-motor is for use with ChemRxnHub Compact, Round bottom flasks, reactors and open containers. Must be used in conjunction with the digital display controller. Support plate ring and rod design allows the motor to be mounted on the ChemRxnHub compact stand, Stirrer stands or on lattice in most hoods. Supplied complete with a Tool-less Nylon body keyless chuck.

- RS232 Interface for use with Mettler Toledo RX10
- USB interface for use with PC software to data log, monitor. USB also allow software updates

Part Number	Description	Price
CG-2039-V-10	Miniature Over-Head Stirrer with Remote Digital Speed Control, Velp	\$1,750.00 *

OHS 70RS Digital		
General Features	Model	F201A0723
	Voltage and Frequency	115/230 V - 50/60 Hz
	Power input	90 W
	Control Unit - Dimensions (WxHxD)	93 x 95 x 130 mm (3,66 x 3,74 x 5,12 in)
	Control Unit - Weight	0,85 kg (1,87 lb)
	Drive Unit - Dimensions (WxHxD)	67 x 187 x 140 mm (2,64 x 7,37 x 5,5 in)
	Drive Unit - Weight	1,9 kg (4,18 lb)
	Construction material	Stainless steel enclosure Tempered glass control panel
	User interface	LCD display and touch button
	Working in continuous	Admitted
	Noisiness	<< 80 dBa
	Environmental temperature admitted	+5...+40 °C
	Storage temperature admitted	-10...+60 °C
	Max humidity	80%
	Overvoltage category	II
	Pollution degree CEI EN61010-1	2
	Max altitude	2000 m
Stirring	Stirring capacity	Up to 40 l H ₂ O – Up to 50.000 mPa*s
	Max torque admitted	70 Ncm
	Programmable speed range	0 / 30 – 800 rpm
	Speed setting resolution	1 rpm
	Motor type	BLDC
	Motor rating output	60 W
	Chuck range diameter	2 – 13 mm
	Shaft diameter Pass-Through	N/A
Timer	Count-Up and Count-Down range	1 s ÷ 99 h 59 min 59 s 1 s steps)
Counters	Motor counter	Operating hours/days



CG-2039-V-10

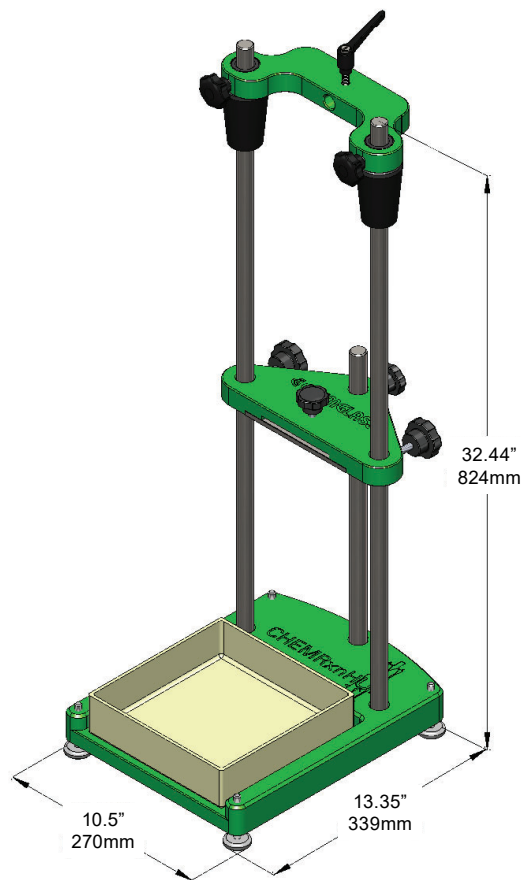


Nemko US

Nemko mark indicates compliance with the following standards CSA and UL

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com



ChemRxnHub Compact Support Stands, Benchtop Reactors, Mini Lab Reactors

Features:

- S.S. Uprights and Heavy Duty PTFE Coated Aluminum Fittings Provide Maximum Strength and Chemical Durability.
- Supports Reactors from 50mL to 500mL Reactors.
- Removable Polyethylene Spill Tray.
- Adjustable Middle Support Bracket is Vertically Adjustable. It Accepts Our CG-1947-B-061 60mm S.S. Support Clamp.
- Adjustable Top Support Bracket is Vertically Adjustable and Accommodates Most Brands of Overhead Stirrers. Mounting Clamps Accept Overhead Stirrers with a MAX Support Arm of 5/8" Diameter.
- Unique Design Allows Easy Installation/Removal of Glassware.
- Frame has Adjustable Leveling Pads.
- Compact Foot-Print: 10.5" W x 13.35" D x 32.44" H

This unique compact stationary reactor stand is designed to fit into most benchtop hoods. Stand can hold a single reactor. The stand provides support for the Reaction Vessel(s), Glassware, Overhead Stirring Motor, and Temperature Monitor. Stand includes removable spill tray.

The weight of the stand is 30lbs.

Larger motors may need to be checked for fit prior to ordering. Please contact us.

Part Number	Description	Price
CG-1949-M-10	Reactor Support Frame, ChemRxnHub Compact™	\$2,475.00 *

Stoppers, Pennyhead, Hollow

Part Number	Description	Price
CG-3000-14	Stopper, Pennyhead, Hollow, 14/20	\$23.05
CG-3000-19	Stopper, Pennyhead, Hollow, 19/22	\$26.95



CG-3000

Stoppers, Extraction Nuts, PTFE, Solid

PTFE stopper has a Polypropylene extraction nut permitting easy removal of the stopper from the glass outer joint.

Part Number	Description	Price
CG-3002-L-14	14/20 Stopper, Solid	\$46.20
CG-3002-L-19	19/22 Stopper, Solid	\$49.45



CG-3002-L

Adapters, Sampling, 1/4"-28 Female Port With Nut And Ferrule

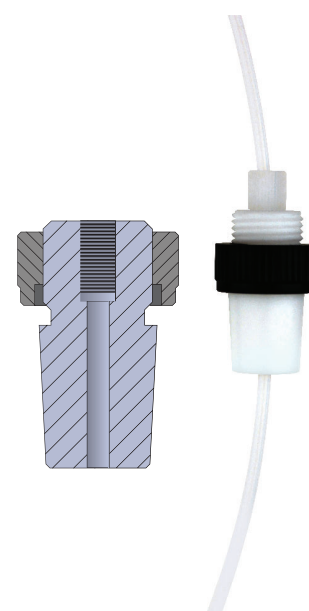
Sampling adapter for use with a 14/20 or 19/22 outer joint on reaction vessel lids. Supplied complete with nut and ferrule.

Please Note: Tubing must be ordered separately

Part Number	Description	Price
CG-1037-M-114	Adapter, 14/20 Inner, Sampling, 1/4"-28 Female Port Complete With Nut And Ferrule	\$94.00 *
CG-1037-M-119	Adapters, 19/22 Inner Sampling, 1/4"-28 Female Port Complete With Nut And Ferrule	\$98.00 *

Replacement Parts

Part Number	Description	Price
CG-1037-M-14	Adapter, 14/20 Inner, Sampling, 1/4"-28 Female Port	\$51.00 *
CG-1037-M-19	Adapter, 19/22 Inner Sampling, 1/4"-28 Female Port	\$56.00 *
CG-1164-02	Tubing, PTFE, 0.063" ID x 0.125" OD, 10' Length	\$42.75 *
CG-1164-F-02	Ferrule, Flangeless, 1/8", Yellow, Tefzel®	\$2.25 *
CG-1164-N-02	Nut, Flangeless, 1/8", Natural, Tefzel®	\$3.85 *



CG-1037-M

*Not Subject To Discount

To order, call 1.800.843.1794 - email: cs@cglifesciences.com

ChemSynt 301 - A Modular And Automated Reaction Workstation

ChemSynt 301 is a modular and automated reaction workstation for process development and optimization. It enables precise control of temperature, pH, stirring, and dosing, while continuously collecting real-time data

From One to Four. Scalable by Design.

- Expand from 1 to 4 independent reaction stations
- Test multiple process variables in parallel
- Ideal for process definition and scale-up

Flexibility Without Limits

- Interchangeable reactor configurations from vials to 400 mL
- Magnetic or overhead stirring for different process needs
- Wide range of modular accessories and probes

Control Every Variable

- Independent temperature monitoring and control from -40 °C to + 150 °C with programmable heating and cooling ramps
- Real-time monitoring and control of pH
- Programmable dosing and stirring profiles

Turn Data into Insight

- Log temperature and pH data with up to 1-second resolution
- Monitor reaction progress in real time from the Control Pad
- Gain deeper process understanding for faster optimization and confident scale-up

Coming
Soon....



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tech@cglifesciences.com
cs@cglifesciences.com
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