



PRECISION HAND PUMPS FOR PRESSURE AND VACUUM CALIBRATION



PPP-VAC
\$425

PPP-VAC, \$425,
shown smaller
than actual size.



PPP-20
\$625



PPP-20, \$625,
shown smaller
than actual size.



- ✓ Generates Vacuum Up to 27" of Mercury
- ✓ Precision Volume Adjustment for Fine Control of Vacuum
- ✓ Sturdy Lightweight Construction for Tough Field Environments
- ✓ Includes Vacuum Hose with ¼ NPT Male Fitting

- ✓ Generates 0 to 300 psi (0 to 20 bar)
- ✓ Uses Air as the Pressure Medium
- ✓ Accurate Volume Control Provides Fine Adjustment of Pressure
- ✓ Two ⅛ NPT Female Outlet Ports
- ✓ Includes Adaptors for ⅛" ID Tubing

PRECISION HAND PUMPS



PPP-700, \$1250, shown smaller than actual size.

PPP-700
\$1250

- ✓ Generates High Pressure Up to 10,000 psi (690 bar)
- ✓ Uses Distilled Water or Mineral Oil as the Pressure Medium
- ✓ Quick High-Pressure Priming
- ✓ Accurate Volume Control Provides Fine Adjustment of Pressure
- ✓ Stainless Steel and Glass Construction
- ✓ Includes Carrying Case, High-Pressure Tubing, and G 1/4 and 1/4 NPT Adaptors



PPP-KIT, \$995, shown smaller than actual size.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
PPP-VAC	\$425	Handheld vacuum pump with tubing and NPT adaptor
PPP-20	625	Handheld pressure pump with tubing adaptors
PPP-KIT	995	Vacuum/pressure pump kit. Includes PPP-VAC and PPP-20 pumps with tubing, fittings and PPP-CASE hard carrying case.
PPP-700	1250	High-pressure hydraulic pump with carrying case and PPP-HPH tubing and fitting kit
ACCESSORIES		
PPP-CASE	\$125	Hard carrying case for PPP-VAC and PPP-20
PPP-TFK	140	Tubing and fitting kit for PPP-VAC and PPP-20
PPP-TUB	60	1.5 m (6') tubing for PPP-VAC and PPP-20
PPP-HPH	250	High-pressure tubing and fitting kit for PPP-700
ME-1737	40	Reference Book: Advanced Control Engineering

Ordering Example: PPP-700, high-pressure hydraulic pump kit, including hydraulic hand pump for 0 to 10,000 psi, high-pressure tubing and fittings and carrying case, \$1250.

ACCESSORIES



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



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• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters