

PRECISION HANDHELD PUMPS FOR PRESSURE AND VACUUM CALIBRATION



HPP Series

Starts at
\$349



- ✓ **Pneumatic Models for Vacuum and Pressure to 41 bar (600 psi)**
- ✓ **Hydraulic Model for 0 to 690 bar (0 to 10,000 psi)**
- ✓ **Precision Vernier for Fine Adjustments**
- ✓ **Designed for High Reliability and High Performance**

Omega's HPP Series precision calibration pumps are designed to provide long term reliability in harsh environments. Four models are available to cover ranges from vacuum up to 690 bar (10,000 psi). Pumps can be purchased separately or as a kit that includes a carrying case, tubing and fittings.

The HPP-100 and HPP-VAC are economical pumps designed for 0 to 6.9 bar (0 to 100 psi) or 0 to -0.95 bar (0 to -28 inHg vacuum). Both models feature dual O-rings on all pistons for smooth operation with zero leakage. A "mash proof" schrader valve replaces the needle valve commonly used for the vent.

HPP-600

The HPP-600 is a pneumatic pump that can generate both vacuum and pressure. It covers a range from -0.95 bar (28 inHg) vacuum to 41 bar (600 psi) pressure. Dual O-rings, oversized check valves, and a "mash proof" vent valve ensure smooth, trouble free operation.



HPP-600, \$549,
shown smaller
than actual size



HPP-10K

The HPP-10K hydraulic pump can generate pressure from 0 to 690 bar (0 to 10,000 psi). It is compatible with most hydraulic fluids, oils and water. A precision stroke control adjustment allows for fast priming or shorter stroke for easier pumping at high pressure. It features a shatter proof reservoir, triple filtration system and a built in pressure relief valve.

SPECIFICATIONS FOR HPP-100/HPP-VAC

Range:

HPP-100: 0 to 6.9 bar (0 to 100 psi)

HPP-VAC: 0 to -0.95 bar
(0 to -28 inHg vacuum)

Connections: (2) 1/8 NPT female ports

Size: 229 L x 38 mm Dia (9 x 1.5")

Weight: 680 g (1.5 lbs)

SPECIFICATIONS FOR HPP-600

Range: -0.95 to 41 bar
(-28 inHg to 600 psi)

Connections: Top 1/4 BSP female,
side 1/8 BSP female (NPT adaptors
included)

Weight: 907 g (2 lbs)

SPECIFICATIONS FOR HPP-10K

Range: 0 to 690 bar (0 to 10,000 psi)

Connections: Top 3/8 BSP female,
side 1/4 BSP female (1/4 NPT
adaptors included)

Recommended Fluids: Distilled water
or mineral based hydraulic oil

Wetted Parts: Stainless steel,
polyurethane, PTFE and nitrile

Weight: 1360 g (3 lbs)

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PRESSURE INSTRUMENTS



PRECISION HANDHELD PUMPS



HPP-VAC, \$349,
shown smaller
than actual size.



HPP-10K-KIT, \$999,
shown smaller
than actual size.



HPP-10K-KIT,
includes a carrying
case, tubing with
fittings, and a fluid
bottle.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

PUMPS ONLY		
MODEL NO.	PRICE	DESCRIPTION
HPP-100	\$349	Handheld pressure pump, 0 to 6.9 bar (0 to 100 psi)
HPP-VAC	349	Handheld vacuum pump, 0 to -0.95 bar (0 to -28 inHg vacuum)
HPP-600	549	Handheld vacuum/pressure pump, -0.95 to 41 bar (-28 inHg to 600 psi)
HPP-10K	845	Handheld hydraulic pressure pump, 0 to 690 bar (0 to 10,000 psi)
PUMP KITS (Kits include pump, carrying case, tubing with fittings)		
HPP-100-KIT	\$465	HPP-100 pump, carrying case, HPP-HOSE and 64 mm (2½") gauge
HPP-VAC-KIT	465	HPP-VAC pump, carrying case, HPP-HOSE and 64 mm (2½") gauge
HPP-600-KIT	697	HPP-600 pump, carrying case and HPP-600-HOSE
HPP-10K-KIT	999	HPP-10K pump, carrying case, fluid bottle and HPP-10K-HOSE

HPP series pumps and pump kits come with complete operator's manual.

Ordering Examples: HPP-100, handheld pressure pump 0 to 6.9 bar (0 to 100 psi), \$349. HPP-600-KIT, vacuum to 41 bar (600 psi) pump kit with carrying case, tubing and fittings, \$697.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
HPP-HOSE	\$49	0.6 m (2') tubing with ¼ NPT fittings for HPP-100 or HPP-VAC
HPP-600-HOSE	68	0.6 m (2') tubing with ¼ NPT fittings for HPP-600
HPP-10K-HOSE	149	0.9 m (3') high pressure tubing for HPP-10K with (2) ¼ BSPM self sealing test point adaptors
HPP-10K-FW	23	Replacement filters and washers for HPP-10K

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• Heaters

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