

MAGNUM PRO

PRESSURE AND VACUUM CALIBRATION PUMP

The Magnum Pro Calibration Pump is the most reliable, rugged pump for calibrations under 100 psi. It uses a "Schrader" valve which totally eliminates failure caused by the vent valve failing. These pumps are leak free due to double O-rings and no-needle valves, and virtually never need rebuilding. The Delrin housing eliminates heat transfer so the readings don't appear to drift.

The unique hose and fittings are push-on, and a swivel keeps the hose from tangling. If the hose is damaged simply cut off the end and reinsert it into the fitting. An optional hose kit is available so that a tee is not necessary when connecting a sensor and calibrator. A special non-dispersing lubricant makes the first stroke as easy as the others, and eliminates wear caused by the grease migrating to the ends of the stroke. Construction is so strong that the Magnum pumps can be repeatedly dropped on a concrete floor without damage.

Each unit includes a pump and one hose assembly with a 1/4" NPT female end.

The Magnum Pro Pressure Calibration Kit includes the Magnum Pro calibration pump, an easy-to-read analog gauge with 1% accuracy, case, and hose to connect to item being tested. The MP-PK and the MP-VK kits are easy to use and handy for field work.



KEY FEATURES

- No-needle valves, "MASH-Proof" vent valve
- Unique, easy-to-use hose and fittings. No snake to fight
- Rugged Delrin and anodized aluminum construction
- Dual O-rings on all pistons insure zero leakage, a solid feel, and very smooth operation
- Compact (9"x 1-1/2") and lightweight
- Maximum pressure on MP-P is 100 psi
- Maximum vacuum on MP-V is 25"Hg
- Oversized check valves for smooth controlled operation
- Extra-large vernier adjustment range
- Pressure venting can be done in increments of 0.1" H₂O
- Two-year warranty

SPECIFICATIONS

PRESSURE RANGE	
MODEL MP-P	0 to 100 psi
MODEL MP-V	0 to -25" Hg vac
SIZE	9.0" long, 1-1/2" diameter
CONNECTIONS	Two 1/8" NPT female ports (One port with removable plug, hose and 1/4" NPT female included)

ORDERING INFORMATION

MP-P	Calibration pump, 0 to 100 psi
MP-V	Calibration pump, 0 to -25"Hg
MP-PK	Calibration pump kit, 0 to 100 psi, gauge, case and hose
MP-VK	Calibration pump Kit, 0 to -25"Hg, gauge, case and hose
HK	Hose kit (optional)
MK	Rebuilding kit