

# Hand Pump Series

## Hydraulic & Pneumatic Calibration Pumps

Meriam's hand pumps can be used with a variety of products such as our MGF16BN gauges, manometers, Model 35EE Meri-Cal, MFT Series, M2 Series Smart Manometers and the M1 Series Digital Manometers/Calibrators.

### MP-100KT Calibration

#### Pump Features

- Delrin plastic handle prevents body heat transfer
- Oversized check valves for smooth controlled operation
- Mash proof vent valve (No Needle Valve)
- A patented non-oil based lubricant is used on all moving parts
- Dual O-Rings on all pistons to ensure zero leakage
- 2 year warranty (includes dropping)
- Includes: A black padded canvas case, 2ft non-stretch hose, fittings and stainless steel analog gauge 2 1/2" w/ protective rubber boot.

#### Specifications

Specifications  
MV-100 0-28"Hg (depends on barometric pressure)  
MP-100 0 to 100 psi (including and not limited to an inch of water) Connections (2 ports) 1/8" NPT  
Weight 1.5 lbs  
2ft hose and 1/4" fitting  
Made in the USA

#### Options

Meriam MGF16BN Digital Pressure Gauge, battery operated, pipe mount via 1/4" MNPT 316 stainless steel stem, NEMA 4 rated housing, ranges 0 to 5000 PSIG. Please visit our website for more information.

### M-600KT Combo Pneumatic Calibration

#### Features

- Contoured cushion handles
- Oversized check valves for smooth controlled operation
- Mash proof vent valve (No Needle Valve)
- A patented non-oil based lubricant is used on all moving parts
- Dual O-Rings on all pistons to ensure zero leakage
- 2 year warranty (includes dropping)
- Includes: A black padded canvas case, 2ft non-stretch hose, fittings and Meriam stainless steel analog gauge 2 1/2" w/ protective rubber boot.

#### Specifications

Specifications  
Vacuum 28" Hg to pressure 600psi (combination pump)  
Compatible with all gauges and calibrators  
Connections (2 ports) 1/4" and 1/8" NPT/BSP  
Weight 2 lbs  
Made in the USA

#### Options

MGFIG, 4 1/2" digit LCD gauge, battery operated, pipe mount via 1/4" MNPT 316 stainless steel stem, NEMA 4 rated housing, ranges 0 to 5000 PSIG. Please visit our website for more information.

### MH-10KT Hydraulic Calibration Pump

The Meriam Calibration Pump MH-10KT uses a fully adjustable stroke control to allow for fast priming or filling of test systems. This gives the operator the ability to switch as needed to a smaller stroke for easier pumping at high pressure.

#### Features

- Contoured cushion handles
- Patented protective cage around vent knob
- Priming feature
- Patented triple filtration (prevents pump failure caused by dirt)
- A non-oil based lubricant is used on all moving parts
- Built in pressure relief valve (prevents over pressurizing)
- Shatter proof reservoir
- Oversized check valves for smooth controlled operation
- 2 year warranty (includes dropping)
- Includes: black padded canvas case, 3ft high pressure hose, fittings, adaptors, test point and (3) spare filters

#### Specifications

Specifications  
0 - 10,000 psi (700 Bar)  
Compatible with most hydraulic fluids, oils and water  
Connections (2 ports) 1/4 inch NPT / BSP  
Weight 3lbs  
Made in the USA

#### Additional Information

The Meriam Calibration Pump MH10KT uses a fully adjustable stroke control to allow for fast priming or filling of test systems. This gives the operator the ability to switch as needed to a smaller stroke for easier pumping at high pressures.

#### Options

Model# M-10FW Additional spare filters (3) and (2) spare rubber bonded washers. MGFIG, 4 1/2" digit LCD gauge, battery operated, pipe mount via 1/4" MNPT 316 stainless steel stem, NEMA 4 rated housing, ranges 0 to 5000 PSIG. Please visit our website for more information. Note: Kits, hoses and fittings can be cus-tomized upon request.