Calibration Pumps

Low Pressure Calibration Pump
High Resolution for Calibrating Low Pressure Gages and Transmitters

The Model LPCP Low Pressure Calibration Pump is a low air pressure source with the ability to easily adjust and stabilize. This hand pump possesses a pressure range of ±5.8 psi; uses air as the media, and can adjust the pressure easily with great stability. The LPCP is made up of quick connectors for fast instrument connect and disconnect. The pump has a heat-insulator between the cover and pressure chamber to lessen the heat effect during the micro-pressure calibration. The adjusting resolution is up to 0.01 Pa (0.0001 mbar). These features make the LPCP ideal for calibrating pressure transducers, precision pressure gages, and other pressure instruments.

**FEATURES**
- Portable
- Pressure resolution: 0.01 Pa; 0.0001 mbar
- Heat insulation and heat preservation, no negative side effects from temperature changes
- Open structure for convenient maintenance of the pumps
- Easy to operate: pressure is precisely set with a simple turn of the handle, allowing you to calibrate gages quickly and accurately
- Great seal performance: minimum leakage

**SPECIFICATIONS**
- Media: Air.
- Output Ranges: 5.8 psi (0.4 bar) vacuum to 5.8 psi (0.4 bar) positive pressure.
- Pressure Resolution: 0.01 Pa; 0.0001 mbar.
- Process Connection: M20*1.5 or 1/4˝ NPT.
- Gage Connection: M20*1.5 or 1/4˝ NPT.
- Material: Ram/adapters: 316 SS; Body: Steel/aluminum; Seals: Buna-N.
- Weight: 2.21 lb (1.0 kg).

**ACCESSORY**
- A-113A, Fitting Kit .................................................. $60.50

The Series BCHP Calibration Test Pump is able to generate pressure and vacuum for adjusting or calibrating pressure gauges, transmitters, or switches. The pump is hand operated and has a pneumatic pressure range of -28 in Hg to 870 psi (-0.95 bar to 60 bar). Dual pressure ports allow two instruments to be connected to the pump without additional fittings. The Series BCHP can be used in laboratories and production areas. The fine adjustment valve on this pump ensures precise measurements.

**SPECIFICATIONS**
- Media: Air.
- Output Ranges: -28 in Hg to 870 psi (-0.95 to 60 bar).
- Process Connections: 1/4˝ female BSP
- Gauge Connection: 1/2˝ female BSP.
- Materials: Anodized aluminum, brass, and ABS.
- Weight: 8.4 lb (3.8 kg).

**ACCESSORIES**
- A-BCHP-CASE, Case for BCHP-1 .................................. $165.00
- A-BCHP-NPT, 1/4˝ BSP to 1/8˝ NPT, 1/4˝ NPT, 3/8˝ NPT and 1/2˝ NPT Converter Set for Test Connection ........................................... $115.00
- A-BCHP-VAT, Fine Volume Adjustment Tool .......................... $50.00