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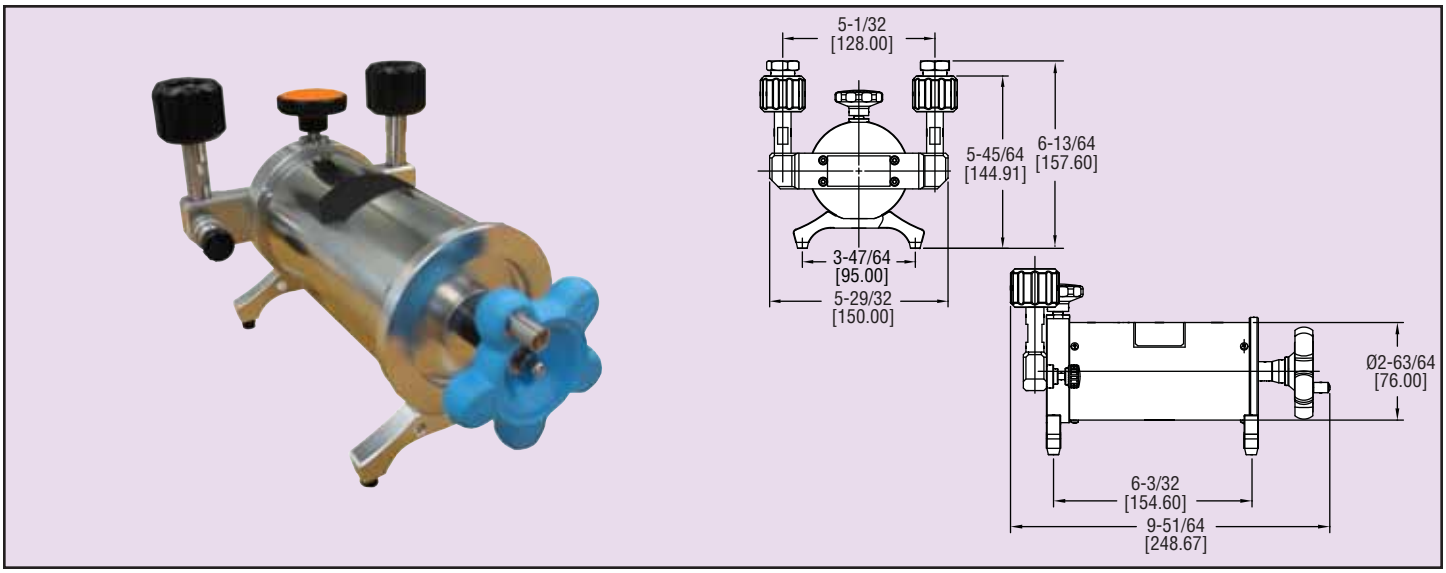
Model
LPCP

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.
Generated Pressure Range: 5.8 psi (0.4 bar) vacuum to 5.8 psi (0.4 bar) positive pressure.
Pressure Resolution: 0.01 Pa; 0.0001 mbar.
Material:
Ram/adapters: 316 SS;
Body: Steel/aluminum;
Seals: Buna-N.
Test Gage Connection: M20*1.5; 1/2″ NPT with included adapters.
Reference Gage Connection: M20*1.5; 1/2″ NPT with included adapters.
Dimensions:
Height: 5.7″ (145 mm);
Base: 6.09″ (155 mm) x 3.73″ (95 mm).
Weight: 2.21 lb (1.0 kg).

Model LPCP-2, Low Pressure Calibration Pump

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