Model HP Hand Pump provides a dual source of pneumatic pressure and vacuum for verifying the calibration of pressure instrumentation. Pump can generate pressures up to 45 psig (3 bar) and vacuum to -27˝ Hg (-910 mbar). The compact pump is designed for portability and single hand operation.

Model HP features a pressure relief valve and fine adjustment for control better than 0.0015 psi (0.1 mbar). Pump includes two 39˝ (1 m) hoses terminating in 1/4˝ female NPT connections and instruction manual.

Model HP-1, Hand Pump

ACCESSORIES
Model HP-1K, Service Kit
Model HP-1C, Hard Case

The Series CHP Pneumatic Hand Pump is the most dependable and rugged pump for applications up to 100 psi or 28.8˝ Hg Vacuum. The durable Acetel plastic and anodized aluminum construction prevents body heat transfer, resulting in drift-free, accurate readings. The Series CHP is equipped with oversized check valves in order to provide smooth and controlled operation. Dual O-Rings on all pistons ensure the pump to be leak-free. The unit includes a 2 foot long hose, 1/8˝ female NPT gauge fitting, and 1/8˝ NPT pipe plug. An optional hose kit is available so that a tee is not required when connecting a sensor and a calibrator. The Series CHP is ideal for checking calibration of pressure or vacuum gauges, switches, or transmitters.

Model CHP-P, Pressure Calibration Pump
Model CHP-V, Vacuum Calibration Pump

ACCESSORY
CHP-KIT, 2’ Hose and NPT Fitting

SPECIFICATIONS
Output Range: CHP-P: 0 to 100 psi; CHP-V: 0 to -28.8˝ Hg.
Process Connection: Two 1/8˝ female NPT ports, one with a removable plug.
Materials: Acetel plastic and anodized aluminum.
Pressure Limit: 150 psig (10.34 bar).
Temperature Limit: Not to exceed 150°F (65.6 °C).
Displaced Volume: Approximately 4 in³.
Dimensions: 9” length x 1.5” diameter.
Weight: 1.5 lb (680 g).