



Pneumatic  
Hand Pump  
HP 25

Pneumatic  
Hand Pump HP 2



Carrying Case

**Application:** Ideal for calibration of vacuum and pressure gauges, switches, transmitters, etc.

#### Features

**MEASUREMENTS:** Electrical measurements of mA & Volts . Peak pressure measurements (High & Low peak)

**PRESSURE SWITCH TEST FACILITY:** Opening and closing pressures are easily identified by display hold while opening and closing contact

**DISPLAY:** Large backlit alpha numeric display with 2 lines (one line Pressure and second line for electrical measurement) . 'Auto OFF' function for longer battery life

**KEYPAD:** Feather Touch keypad for easy operation . Dedicated ZERO key for Zeroing before test

**PUMP:** Pneumatic hand pump for Pressure & Vacuum

Over Pressure Alarm	: 20% of Full Scale
Pressure Media	: Compatible to 316 Stainless Steel
<b>Current Terminal Input</b>	
Protection	: Fuse: 100mA / 250V
Display	: Alpha Numeric Display
Backlight	: LED backlight
Power Supply	: Li-ion Rechargeable Battery
Low Battery Indicator	: Yes
Auto Power Off	: 15 minutes
Battery Backup	: 20 hours
Pressure Connection	: 1/4" BSP Female
Operating Temperature	: 10 to 50°C
Instrument Casing	: ABS Plastic
Instrument Dimensions	: 200 mm x 110 mm x 60 / 35 mm (LxWxD)
Instrument Weight	: 550 gms

#### Instrument

Model	Range*	Resolution	Accuracy <sup>1</sup>	Selectable Pressure Units
EPCK 2	-1 bar Vacuum to 2 bar	0.0001 bar	±0.05% F.S.	bar, kg/cm <sup>2</sup> , MPa, mH <sub>2</sub> O, atm, psi, inHg, ftH <sub>2</sub> O, kPa, inH <sub>2</sub> O, mmHg, mbar, cmH <sub>2</sub> O, mmH <sub>2</sub> O
EPCK 10	-1 bar Vacuum to 10 bar	0.001 bar		bar, kg/cm <sup>2</sup> , MPa, mH <sub>2</sub> O, atm, psi, inHg, ftH <sub>2</sub> O, kPa, inH <sub>2</sub> O, mmHg, mbar, cmH <sub>2</sub> O
EPCK 20	-1 bar Vacuum to 20 bar	0.001 bar		bar, kg/cm <sup>2</sup> , MPa, mH <sub>2</sub> O, atm, psi, inHg, ftH <sub>2</sub> O, kPa, inH <sub>2</sub> O, mmHg, mbar, cmH <sub>2</sub> O
EPCK 40	-1 bar Vacuum to 40 bar	0.001 bar		bar, kg/cm <sup>2</sup> , MPa, mH <sub>2</sub> O, atm, psi, inHg, ftH <sub>2</sub> O, kPa, inH <sub>2</sub> O, mmHg, mbar, cmH <sub>2</sub> O

\*Contact us for other ranges.

#### Specifications for Pneumatic Hand Pump HP2

**Range:** Generation of Pressure: 2 Bar & Vacuum: 0.850 Bar  
**Medium:** Dry Air. **End Connection:** 1/4" BSP (F) Test & Master

#### Specifications for Pneumatic Hand Pump HP25

**Range:** Generation of Pressure: 25 Bar & Vacuum: 0.850 Bar  
**Medium:** Dry Air. **End Connection:** 1/4" BSP (F) Test & Master

#### Measurements

Facility	Range	Resolution	Accuracy
mA	0 to 25 mA	0.001 mA	±0.025% of Reading + 3 µA
Volts	0 to 30 V	0.001 V	±0.025% of Reading + 3 mV

Accuracy specifications include effect of non-linearity, hysteresis and repeatability at 23±5°C.

#### Standard Delivery

- Instrument : 1 no.
- Pneumatic Hand Pump : 1 no.
- Carrying Case : 1 no.
- Test Lead (2 wire) : 1 no.
- Charger : 1 no.
- Adapters : 1/4" BSP (M) x 1/8" BSP (F), 1/8" NPT (F), 1/4" NPT (F), 3/8" BSP (F), 3/8" NPT (F), 1/2" BSP (F), 1/2" NPT (F) - each 1 no.
- Nylon Seals : 1/8", 1/2", 1/4" & 3/8" - each 5 nos.
- Quick Coupling Connector
- User Manual : 1 no.
- Traceable Calibration Certificate

#### Optional

Accredited (NABL) Calibration Certificate as per ISO/IEC 17025:2005 Standard

#### Contact

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Manufacturer of  
**TEST BENCHES  
CALIBRATION INSTRUMENTS**

**ISO 9001:2008  
Certified Company**

[www.rndinstruments.com](http://www.rndinstruments.com)

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As per ISO / IEC 17025

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