



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

Current Terminal Input

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



Pneumatic Hand Pump HP 40



Pneumatic Hand Pump HP 2

Carrying Case

Instrument

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

*Contact us for other ranges.

Specifications for Pneumatic Hand Pump HP2

Range: Generation of Pressure: 2 Bar & Vacuum: 0.950 Bar
Medium: Dry Air. **End Connection:** 1/4" BSP (F) Test & Master

Specifications for Pneumatic Hand Pump HP40

Range: Generation of Pressure: 40 Bar & Vacuum: 0.950 Bar
Medium: Dry Air. **End Connection:** 1/4" BSP (F) Test & Master

Contact

5, Natesan Nagar, Alapakkam,
Chennai 600116. Tamilnadu, INDIA.
Tel.: +91-44-4283 9039 / 4284 1119
Mobile Nos.: +91-7358393981 / 7358393984
email: sales@rndinstruments.com
quote@rndinstruments.com

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), 1/4" BSP (M) - each 1 no.
- Nylon Seals: 1/8", 1/2", 1/4" & 3/8" - each 5 nos.
- Swivel Adaptor with 'o' Ring- 1 No
- User Manual: 1 no.
- Traceable Calibration Certificate

Optional

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

Manufacturer of
TEST BENCHES
CALIBRATION INSTRUMENTS

ISO 9001
Certified Company

www.rndinstruments.com

ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

THERMAL
MECHANICAL
ELECTROTECHNICAL

www.calibrationlab.in