

Pressure Calibrator Kit

(Pneumatic)

EPC Series
Economy Model



Application

Ideal for calibration of vacuum & 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



Instrument



Pneumatic Hand Pump HP 25



Carrying Case

Pneumatic Hand Pump HP 2

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

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

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 & repeatability at 23±5°C.

Standard Delivery

- Instrument : 1 no.
- Pneumatic Hand Pump : 1 no.
- Carrying Case : 1 no.
- Test Lead (2 wire) : 2 nos.
- 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.
- User Manual : 1 no.
- Traceable Calibration Certificate

Optional

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

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