

Economy Pressure Calibrators

Pneumatic

MPCE-P

Handheld Type

Ideal Lab / Site Tool for checking & Calibration of Pneumatic Pressure / Differential Pressure Gauges / Switches / Transmitters / Receiver Gauges etc.

SALIENT FEATURES

Digital Pressure Indicator with matching Pneumatic Hand Pump with Vernier
Silicon Keys
Selectable Engineering Pressure Units
DC Current Measurement
Switch Test capability & Zero Offset facility
Pressure Transducer – all Media compatible with SS316
Low Battery Indication
Auto Power Off
Rugged Protection Holster
Ingress Protection Rating : IP 52



SPECIFICATIONS

| | |
|------------------------|---|
| Ranges | -0.90 to 2 / 10 / 20 / 35 / 40 / 60 bar |
| Accuracy | ±0.1% F.S. |
| Display Resolution | Minimum 4½ digits |
| Display | 7 Segment FSTN (Large) Display |
| Engineering Units (12) | Refer Table below |
| mA Input | 0 to 25 mA DC (Active) |
| Process Connection | ½" BSP (M) |
| Over Pressure Alarm | 105% FS (Audio / Visual) |
| Battery Type | 9 Volts Alkaline |

7 SEGMENT CLASSIFICATION OF ENGINEERING UNITS

| Range (bar) | Pressure / Engineering Units – Resolution | | | | | | | | | | | |
|----------------|---|-------------------|--------------------|--------------------|-------|------|------|-----|-------|-------|--------------------|------|
| | inH ₂ O | mH ₂ O | cmH ₂ O | mmH ₂ O | inHg | mmHg | Mbar | kPa | Mpa | bar | Kg/cm ² | psi |
| 2 | 0.1 | 0.01 | 1 | 1 | 0.001 | 0.1 | 1 | 0.1 | 0.001 | 0.001 | 0.001 | 0.01 |
| 10 | 1 | 0.1 | 1 | -- | 0.1 | 1 | 1 | 1 | 0.001 | 0.001 | 0.001 | 0.01 |
| 20 ~ 35 | 1 | 0.1 | -- | -- | 0.1 | -- | 1 | 1 | 0.001 | 0.01 | 0.01 | 0.1 |
| 40 | 1 | 0.1 | -- | -- | 1 | -- | -- | 1 | 0.001 | 0.01 | 0.01 | 0.1 |
| 60 | 1 | 0.1 | -- | -- | 0.1 | -- | -- | 1 | 0.001 | 0.01 | 0.01 | 0.1 |

STANDARD INCLUSIONS

- Pressure Indicator with Hand Pump
- Test Leads & Seals Kit
- Hose with End Fittings
- Quick Connector
- 9V Alkaline Battery
- Carrying Case
- Traceable Calibration Certificate
- Instruction Manual
- Set of Adaptors
 - ½" BSP(F) X ¼" BSP (M)
 - ½" BSP(F) X ¼" BSP (M)
 - ¾" BSP(F) X ¼" BSP (M)
 - ½" NPT(F) X ¼" BSP (M)
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OPTIONAL (ADD-ON) ITEMS

- Rechargeable Battery with External Charger
- USB Interface
- 'Calpress' Calibration Software with Cable
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



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