

Pressure

**Nagman
Pressure Calibrator**

Bench-top / Panel Mounted Model

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

Pneumatic Pressure Calibrator

Model

MPC-P-B

- Ranges : -0.85 to 2 / 10 / 20 / 35 / 40 Bar
- Accuracy : $\pm 0.05\%$ FS
- Automatic Temperature Compensation (0 to 50°C)
- Advanced Technology
- Light Weight / Compact
- Trendy, Elegant Case – Truly Portable – Lab / Site use
- Resolution : Minimum 5 digits
- Large Graphic Display
- Touch Membrane Keypad
- Selectable Engineering Pressure Units
- DC Current Measurement :
50 mA (Active Loop) & 25 mA (Passive Loop)
- Switch Test capability & Zero Offset facility
- Audio & Visual Alarms for Over Pressure
- Pressure Transducer – all Media compatible with SS316
- Matching External Pneumatic Hand Pump
- **Panel Mounted Model** with External Pressure Module(s) (EPM) – Refer specifications inside...



Specifications**MPC-P-B****Ranges**

-0.85 to 2 / 7 / 10 / 20 / 35 / 40 Bar

Accuracy

±0.05% F.S.

Temperature Compensation

0 to 50°C (Automatic)

Resolution

Minimum 5 digits

Display

Large Graphic Display

Engineering UnitsKg/cm², Bar, mBar, PSI, mH₂O, mmH₂O, cmH₂O, inH₂O, ftH₂O, mmHg, inHg, Atm, Mpa, Kpa, Pa**mA Input**50 mA (Active Loop) & 25 mA (Passive Loop)
Load Resistance : 800 Ω**Volt Input**

0 to 30V DC

Resolution (mA / V)

0.01

Pressure Switch Test

Maximum 5V DC

Instrument Casing

Trendy, Elegant Case – Truly Portable

Over Pressure Alarm

120% FS (Audio / Visual)

Pressure generationThro' matching External Pneumatic Hand Pump with
Fine Adjustment Vernier & Release Valve**Battery**

Rechargeable Battery & Charger

Low Battery Indication

Provided

Instrument Dimension

260 x 130 x 105 (L x B x H)

Weight

1.5 Kg

STANDARD DELIVERY

- Pressure Indicator with matching Hand Pump
- Set of Adaptors (BSP & NPT)
- Test Leads & Seals Kit
- Hose with End Fitting
- External Battery Charger
- Traceable Calibration Certificate
- Instruction Manual

OPTIONALS

- RS-232 Computer Interface
- "Calpress" Calibration Software
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

Panel Mounted Model with External Pressure Module(s)*Internal Sensor Ranges & Other Specifications (as in Bench-top Models)*

EPM Ranges	Pneumatic	-0.85 to 2 / 7 / 10 / 20 / 35 / 40 Bar
	Hydraulic	0 to 70 / 100 / 200 / 400 / 600 / 700 Bar

EPMs 2 / 3 / 4

Accuracies ±0.05% F.S. / ±0.025% F.S.

Mounting Panel Mounted (19" Rack Size)

Dimensions 350 x 185 x 178 mm (L x B x H) - Typical for 3 EPMs



Product of

Nagman Instruments & Electronics (P) Ltd.

- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)
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Specifications subject to change owing to continuous development



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