

Pressure

Nagman Pressure Calibrator

Bench-top / Panel Mounted Model

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

Hydraulic Pressure Calibrator

Model

MPC-H-B

- Ranges : 0 to 70 / 100 / 200 / 400 / 600 / 700 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 Hydraulic Hand Pump
- **Panel Mounted Model** with External Pressure Module(s) (EPM) – Refer specifications inside ...



Specifications

MPC-H-B

Ranges

0 to 70 / 100 / 200 / 400 / 600 / 700 Bar

Accuracy

±0.05% F.S.

Temperature Compensation

0 to 50°C (Automatic)

Resolution

Minimum 5 digits

Display

Large Graphic Display

Engineering Units

Kg/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)

0.001

Pressure Switch Test

Maximum 5V DC

Medium

Oil (Water : optional)

Instrument Casing

Trendy, Elegant Case – Truly Portable

Over Pressure Alarm

120% FS (Audio / Visual)

Pressure generation

Matching External Hydraulic 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
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Accuracies	±0.05% F.S. / ±0.025% F.S.
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Mounting	Panel Mounted (19" Rack Size)
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Dimensions	350 x 185 x 178 mm (L x B x H) - Typical for 3 EPMS
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Manufactured by

Nagman Instruments & Electronics (P) Ltd.

27th KM Stone, Chennai-Bangalore NH-4, Nazarethpet P.O., Chembarambakkam, Chennai – 600 123. INDIA.

Domestic Sales

Phone 044 – 26810280, 1280, 0600, 1300

Fax 044 – 26811703

E-Mail mktgchennai@nagman.com

International Sales

+91-44-26811704, 26811708

+91-44-26811703

exports@nagman.com



www.nagman.com