Pressure

Nagman Smart 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 : ±0.02% F.S.
- 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…



P.T.O

Specifications MPC-H-B+

Ranges

0 to 70 / 100 / 200 / 350 / 600 / 700 Bar

Accuracy

±0.02% F.S.

Temperature Compensation

0 to 50°C (Automatic)

Resolution

Minimum 5 digits

Display

Graphic

Engineering Units

Kg/cm^2, Bar, mBar, PSI, mH_2O, mmH_2O, cmH_2O, inH_2O, ftH_2O, 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 5 VDC

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	***Weight***
260 x 130 x 105 (L x B x H)	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
- RS-232 Computer Interface
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory
- Instruction Manual

OPTIONALS

- "Calpress" Calibration Software

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. / ±0.02% F.S.	
Mounting	Panel Mounted (19" Rack Size)	
Dimensions	350 x 185 x 178 mm (L x B x H) - *Typical for 3 EPMs*	



Manufactured by

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