

**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/cm<sup>2</sup>, Bar, mBar, PSI, mH<sub>2</sub>O, mmH<sub>2</sub>O, cmH<sub>2</sub>O, inH<sub>2</sub>O, ftH<sub>2</sub>O, 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

### 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

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.

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