



Digital Manometer is a portable hand-held type Digital Pressure Indicator, suitable for accurate field testing and calibration of process pressure.

Application: Ideal for calibration of gauge and differential pressure.

FEATURES

MEASUREMENTS: Electrical measurements of mA & Volts. Peak pressure measurements (High & Low peak). **PRESSURE SWITCH TEST FACILITY:** Opening and closing pressures are easily identified by display hold while opening and closing contact. **DISPLAY:** Large backlit alpha numeric display with 2 lines (one line Pressure and second line for electrical measurement). 'Auto OFF' function for longer battery life. **KEYPAD:** Feather Touch keypad for easy operation. Dedicated ZERO key for Zeroing before test.

ADVANCE FEATURES

Small and compact in size. Fits easily inside the palm of hand. User friendly and easy to carry as it is light weight. Robust and weatherproof - best for field work.

Over Pressure Alarm	: 20% of Full Scale
Pressure Media	: Air / All non-corrosive gases
Current Terminal Input	
Protection	: Fuse: 100 mA / 250 V
Display	: Alpha Numeric Display
Backlight	: LED Backlight
Power Supply	: Li-ion Rechargeable Battery
Low Battery Indicator	: Yes
Auto Power Off	: 15 minutes
Battery Backup	: 20 hours
Pressure Connection	: 1/8" BSP Female
Operating Temperature	: 10 to 50°C
Instrument Casing	: ABS Plastic (protects from dirt)
Instrument Dimensions	: 110 mm x 200 mm x 60 / 35 mm (LxWxD)
Instrument Weight	: 550 gms



SPECIFICATION

Model	Range* (mm H ₂ O)	Resolution (mm H ₂ O)	Accuracy (% F.S.)	Pressure Units
250	0 to 250	0.01	±0.15	bar, mmH ₂ O, Psi, kg/cm ² , Kpa, Mpa,
500	0 to 500	0.01	±0.15	
1000	0 to 1000	0.1	±0.05	mmHg, atm, mH ₂ O, inHg, inH ₂ O, ftH ₂ O, cmH ₂ O, Pa, mbar, torr, hpa, kg/m ² , cmHg, lb/ft ² , cmHg
2000	0 to 2000	0.1	±0.05	
5000	0 to 5000	0.1	±0.05	
10000	0 to 10000	1	±0.025	
2	0 to 2 bar	1	±0.05	

*Contact us for other ranges.

MEASUREMENTS

Facility	Range	Resolution	Accuracy
mA	0 to 25 mA	0.001 mA	±0.025% of Reading + 3 μA
Volts	0 to 30 V	0.001 V	±0.025% of Reading + 3 mV

Accuracy specifications include effect of non-linearity, hysteresis and repeatability at 23±5°C.

Standard Delivery

1. Instrument : 1 no.
2. Test Lead (2 wire) : 1 no.
3. Charger : 1 no.
4. User Manual
5. Traceable Calibration Certificate

Optional

Accredited (NABL) Calibration Certificate as per ISO/IEC 17025:2005 Standard

Manufacturer of
**TEST BENCHES
CALIBRATION INSTRUMENTS**

**ISO 9001:2008
Certified Company**

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

**THERMAL
MECHANICAL
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www.calibrationlab.in