

Differential Pressure Manometer

Pneumatic

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

SALIENT FEATURES

- Silicon Keys
- Selectable Engineering Pressure Units
- DC Current & Voltage Measurement
- Switch Test capability & Zero Offset facility
- Loop Supply Provided
- Pressure Transducer – all Media compatible with SS316
- Low Battery Indication
- Auto Power Off
- Rugged Protection Holster
- USB Interface
- Ingress Protection Rating : IP 52

SPECIFICATIONS

Ranges	0 to 25 mbar / 70 mbar / 200 mbar / 300 mbar / 500 mbar / 1000 mbar / 2000 mbar
Accuracy	±0.2% F.S. (25 / 70 mbar) ±0.1% F.S. (200 / 300 / 500 mbar) ±0.05% F.S. (1000 / 2000 mbar)
Display Resolution	Minimum 5 digits
Display	7 Segment FSTN (Large) Display
Engineering Units	Refer Table below
mA Input	0 to 50 mA DC
Volt Input	0 – 10V
Resolution for mA & Volt	0.001
Over Pressure Alarm	105% FS (Audio / Visual)
Battery Type	7.4 Volts Rechargeable Battery

**IP 52
RATED**



Typical Photo; Final product look may vary

7 SEGMENT CLASSIFICATION OF ENGINEERING UNITS

Range (mbar)	Pressure / Engineering Units – Resolution											
	inH ₂ O	mH ₂ O	cmH ₂ O	mmH ₂ O	inHg	mmHg	Mbar	kPa	Mpa	bar	Kg/cm ²	psi
25	0.001	0.0001	0.001	0.01	0.0001	0.001	0.001	0.0001	0.0001	0.0001	0.0001	0.0001
70	0.001	0.0001	0.001	0.01	0.0001	0.001	0.001	0.0001	0.0001	0.0001	0.0001	0.0001
200	0.001	0.0001	0.01	0.1	0.0001	0.01	0.01	0.001	0.0001	0.0001	0.0001	0.0001
300	0.01	0.0001	0.01	0.1	0.0001	0.01	0.01	0.001	0.0001	0.0001	0.0001	0.0001
500	0.01	0.0001	0.01	0.1	0.001	0.01	0.01	0.001	0.0001	0.0001	0.0001	0.0001
1000	0.01	0.001	0.1	1	0.001	0.01	0.1	0.01	0.0001	0.0001	0.0001	0.001
2000	0.01	0.001	0.1	1	0.001	0.1	0.1	0.01	0.0001	0.0001	0.0001	0.001

STANDARD INCLUSIONS

- Digital Manometer
- Test Leads & Seals Kit
- External Charger
- Carrying Case
- Traceable Calibration Certificate
- USB Interface
- Instruction Manual

OPTIONAL (ADD-ON) ITEMS

- Matching Pneumatic Hand Pump with Vernier
- 'Calpress' Calibration Software with Cable
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards
- Set of Adaptors
 - 1/8" BSP(F) X 1/4" BSP (M)
 - 1/2" BSP(F) X 1/4" BSP (M)
 - 3/8" BSP(F) X 1/4" BSP (M)
 - 1/4" NPT(F) X 1/4" BSP (M)
 - 1/4" NPT(F) X 1/4" BSP (M)
 - 1/2" NPT(F) X 1/4" BSP (M)
 - 3/8" NPT(F) X 1/4" BSP (M)

Manufactured by



NAGMAN INSTRUMENTS & ELECTRONICS (P) LTD.

Chennai-Bangalore National Highway, Nazarethpet P.O., Chembarambakkam, Chennai – 600 123. INDIA.

Domestic Sales Phone : 044 – 66777020, 005, 021, 024. Fax : 044 – 66777050. E-Mail : mktgchennai@nagman.com
Export Sales Phone : +91-44-66777006, 008. Fax : +91-44-66777050. E-Mail : exports@nagman.com

www.nagman.com

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