

HIGH ACCURACY DIGITAL MANOMETER

Special Features:

- Light Weight
- High Accuracy upto 0.05% with Quick Response
- Large LCD Display
- Password Protected Calibration
- 5 Digit LCD Display with 8 Units



Description:

VD100 is an Ultra Low Power Microprocessor controlled, accurate and versatile Digital Pressure Measuring Instrument. VD100 has state of the art customized large character display showing pressure in upto 8 Units, Low Batt, min, max. VD100 is very easy to use and you will never get lost in a multilevel menu. With 5 Digital LCD Display and battery life of more than 1000 hours (Continuous usage), VD100 is the most versatile portable digital manometer.

Performance Specifications:

Measurement Range	:	0...1 ~ 7 bar
Accuracy	:	±0.05% of F.S
Repeatability	:	±0.025% of F.S
Operating Temperature	:	0° C ~ 50° C
Operating Humidity	:	30 to 95% RH
Resolution	:	As per Table 1
Display	:	5 Digit LCD Display
Response Time	:	< 0.5 Seconds
Protection	:	IP65
Enclosure	:	Anodized Aluminium
Wetted Parts / Diaphragm	:	AISI 316SS / AISI 316LSS
Max / Min	:	Yes
Low Battery Indication	:	Yes
Max Static Pressure	:	7 Bar
Power Supply	:	1.5V x 5 Batteries
Battery Life	:	> 1000 hours continuous use
Weight	:	210 grams

Resolution Table:

Range	kg/cm ²	bar	psi	kPa	mmHg	InHg	mmH ₂ O	InH ₂ O
1	0.0001	0.0001	0.001	0.01	0.1	0.001	1	0.01
2	0.0001	0.0001	0.001	0.01	0.1	0.01	1	0.1
3	0.0001	0.0001	0.001	0.01	0.1	0.001	1	0.01
4	0.0001	0.0001	0.001	0.01	0.1	0.01	1	0.1
5	0.0001	0.0001	0.001	0.01	0.1	0.001	1	0.01
6	0.0001	0.0001	0.001	0.01	0.1	0.01	1	0.1
7	0.0001	0.0001	0.001	0.01	0.1	0.01	1	0.1