

## HIGH ACCURACY DIGITAL PRESSURE GAUGE

### Special Features:

- Light Weight
- High Accuracy upto 0.075% with Quick Response
- Large LCD Display
- Password Protected Calibration
- 5 Digit LCD Display with 8 Units



### Description:

VE100 is an Ultra Low Power Microprocessor controlled, accurate and versatile Digital Pressure Measuring Instrument. VE100 has state of the art customized large character display showing pressure in upto 8 Units, Low Batt, min, max. VE100 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), VE100 is the most versatile portable digital pressure gauge.

### Performance Specifications:

Measurement Range	: -1 ~ 0...1000 bar
Accuracy	: $\pm 0.1\%$ of F.S
Optional Accuracy	: $\pm 0.075\%$ of F.S
Operating Temperature	: 0° C ~ 50° C
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
Process Connection	: 1/4" BSP (M)
Power Supply	: 1.5V x 5 Batteries
Battery Life	: > 1000 hours continuous use
Size	: 76 x 118 x 42 mm
Weight	: 210 grams

### Resolution Table:

Range	kg/cm <sup>2</sup>	bar	psi	kPa	mmHg	InHg	mmH <sub>2</sub> O	InH <sub>2</sub> O
2	0.0001	0.0001	0.001	0.01	0.1	0.001	1	0.01
7	0.0001	0.0001	0.001	0.01	0.1	0.01	1	0.1
10	0.001	0.001	0.01	0.1	1	0.01	-	0.1
20	0.001	0.001	0.01	0.1	1	0.01	-	1
35	0.001	0.001	0.01	0.1	1	0.1	-	1
70	0.001	0.001	0.01	1	1	0.1	-	1
100	0.01	0.01	0.1	1	-	0.1	-	1
200	0.01	0.01	0.1	1	-	0.1	-	-
350	0.01	0.01	0.1	1	-	1	-	-
400	0.01	0.01	0.1	1	-	1	-	-
700	0.01	0.01	0.1	1	-	1	-	-