



PDR100

DIGITAL PRESSURE GAUGE

“0.5 % Accuracy Portable Pressure Gauge”

Portable digital pressure gauge **PDR100** has 0.5% FS accuracy, using battery for measuring pressure.

It has multiple functions are equipped and using for pressure measurement and test purpose.

PDR100 has 0.5% FS with various pressure unit selection and backlight provides improved visibility under poor lightning conditions.

- Range : 0 to 10 MPa
- Accuracy : $\pm 0.5\%$ F.S
- Simple button touch for various function setting
- Convenient to read and large display
- Back Light Display
- Durable die-cast outer case
- Quick and easy to change the pressure unit (MPa, mbar, bar, mmH₂O, inHg, mmHg, kgf/cm², atm, psi, kPa)

- Peak function
- Auto-off function
- Backlight On/Off
- Calibration function (Zero, Span)
- Field and Test laboratory Calibration of the pressure gauge
- Process pressure measurement & monitoring for outdoors and plant.
- Pressure valve and Regulator test
- Leaks test



01 Specification

Pressure Range	0 ~ 100 kPa ... 10 MPa (Gauge)
Accuracy	±0.5 % FS ± 1 digit
Thermal Effect on Zero	±0.05% FS / °C
Thermal Effect on Span	±0.05% FS / °C
Compensation Range	-10 ~ 50 °C
Workable Range	-20 ~ 70 °C
Display	±2000 Backlight LCD
Power Requirement	9V Battery 1 ea
Display Speed	1, 2, 5, 7, 10 times / second
Special Function	Peak, Auto power off, Auto Zero
Allowable Pressure	X1.5
Burst pressure	X2
Pressure Port	R(PT) 1/4", G(PF) 1/4"
Material of Pressure Port	SS316L, VITON
Size	Dia. 68 mm × 35 mm , 103 mm Included Pressure Port
Weight	160 g

02 Order Information

Model(PDR100-Range_1_2-Port) / Description(Digital Pressure Gauge)

Range	0 to 10 MPa (User-defined Range)
1	K = kPa, M = MPa
2	G = Gauge
Port	C = PT 1/4", P = PF 1/4"

Ex) PDR100-10MG-C → Range 10 MPa, Gauge Pressure, PT 1/4"