

Main Specifications

- ▼ **Size**
4" (105mm)
- ▼ **Pressure connection**
Thread spec.:
M20*1.5, G1/4" , G1/2" 、
1/2"NPT 、 1/4"NPT
Other thread size and type are
available made-to-order
Material: SS304
- ▼ **Pressure range**
Please refer to pressure range
table
- ▼ **Applicable media**
Liquid and gas that compatible
with Stainless steel
- ▼ **Operating temperature**
-5~40°C

Other Specifications

- ▼ **Case material**
SS304
- ▼ **Screen display**
5-digit LCD display with white
backlight
Main and sub-line display
- ▼ **Pressure unit**
MPa, kPa, bar, Pa, mbar, psi,
mmHg, mH₂O, Torr, kgf/cm²
- ▼ **Power supply**
AA battery x3
USB power supply
- ▼ **Accuracy**
±0.05%F.S. / ±0.1%F.S.
- ▼ **Stability**
±0.1%F.S. / year
- ▼ **Sampling rate**
1-10 times / sec.
(This can be set by user)
- ▼ **Overpressure**
150% (>10MPa)
200% (≤ 10MPa)
- ▼ **Temperature compensation**
0~40°C
- ▼ **Accessory**
Portable case
USB power line

High Accuracy Digital Pressure Gauge

Model: DPG-SM200

Introduction

DPG-SM200 adopts high accuracy ADC and high-speed microprocessor as measuring elements. It features wide pressure range, lower power consumption, peak and valley value display, and temperature display. Suitable for mechanical and electronic industry, pressure laboratory, and automated construction machinery.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)



Features

- OEM service
- Lower power consumption, up to 3600 working hours with AA batteries.
- 5-digit screen display with white backlight, with peak and valley value & temperature display function
- Wide pressure range for selections
- 10 switchable units: MPa, kPa, bar, Pa, mbar, psi, mmHg, mH₂O, Torr, kgf/cm²
- Accuracy can up to 0.05%F.S.

Pressure Range Table

Code	Pressure range
P1	1…2.5…25 kPa
P2	40…60…250 kPa
P3	0.4…0.6…4 MPa
P4	6…10…25 MPa
P5	40…60…160 MPa
P6	-2.5~2.5…5…(-100~1000) kPa
P7	0~10…25…1000 kPa
P8	0~10…25…40…60…100…250…400…600 kPa
P9	0~1…1.6 MPa

How to Order

DPG-SM200 High Accuracy Digital Pressure Gauge									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
2G	Thread spec.	M	M20*1.5	2G	G1/4"	4G	G1/2"	4N	1/2"NPT
		2N	1/4"NPT			O	Others	-	-
Custom	Pressure type	Please refer to Pressure Table and select corresponding code							
A	Accuracy	A	0.1% F.S.	B	0.05%F.S.	-	-	-	-

Order example: DPG-SM200 - 2G - P7 - A