

Main Specifications

- ▼ **Size**
4.5"
- ▼ **Pressure connection**
Material: SS316
Laser welding
1/4" PT
1/2" PT
Other thread type available upon request
- ▼ **Pressure range**
-0.1~60 MPa
- ▼ **Applicable fluid**
Liquid and gas that compatible with SS 316L /
Pure, non-corrosive gas
- ▼ **Ambient temperature**
-10°C~50°C
- ▼ **Ambient humidity**
< 95% R.H.
- ▼ **Atmospheric pressure**
860...1060 mbar
- ▼ **Temperature error**
Standard temp.: 20°C
Max. error: ±0.1%F.S (@0~50°C)

Other Specifications

- ▼ **Ring**
Aluminum alloy
- ▼ **Case**
ABS
- ▼ **Screen display**
6-digit LCD with blue backlight
Progress bar for current pressure indication
Current temperature display
- ▼ **Screen size**
66 (W) x 47 (H) mm
- ▼ **Refresh rate**
3 times/sec (default)
10 times/sec, 1 times/sec
- ▼ **Pressure unit**
Pa, kPa, MPa, psi, bar, mbar, kgf/cm², mmH₂O, mmHg
- ▼ **Resolution**
0.0001
- ▼ **Measuring elements**
High-tech silicon wafer
SS 316L diaphragm
- ▼ **Accuracy**
Pressure:
±0.025%F.S. / ±0.05%F.S. /
±0.1%F.S. / ±0.2%F.S. /
±0.5%F.S.
Temperature: ±2°C
- ▼ **Communication port (option)**
RS232
- ▼ **Power supply**
Include DC 8.4V charger
- ▼ **Operating pressure**
Overpressure: 1.2* full scale
Burst pressure: 1.3* full scale
- ▼ **Weight**
500g

Digital Precision Pressure Gauge

Model: DPG-H4.5RS

Introduction

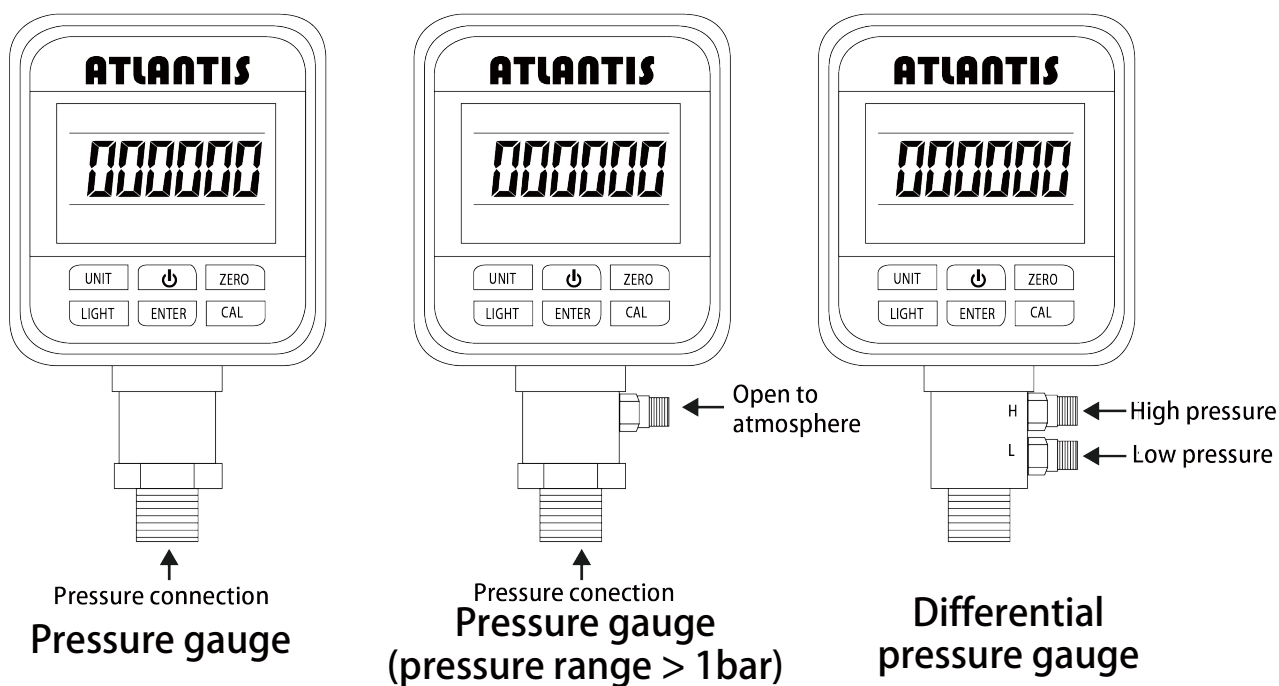
DPG-H4.5RS digital precision pressure gauge adopt high/low aging & temperature compensation technology to ensure its accuracy and stability. DPG-H4.5RS is suitable in field calibration for precision/general pressure gauge & sphygmomanometer.



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
- Accuracy up to 0.025%
- 6-digit LCD display with blue backlight
- Large screen size 66 x 47mm
- Switchable 9 pressure units
- Current temperature display
- Zero / Span calibration
- Overpressure alarm –
Peak pressure and min pressure monitor
- RS232 communication port (option)



How to order

DPG-H4.5RS Digital Precision Pressure Gauge									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
2P	Process connection	2P	1/4" PT	4P	1/2" PT	O	Others	-	-
Custom	Pressure range	-0.1~60 MPa							
03	Accuracy	01	±0.025%F.S.	02	±0.05%F.S.	03	±0.1%F.S.	04	±0.2%F.S.
		05	±0.5%F.S.	-	-	-	-	-	-
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						
		/D	Differential pressure type						
		/E	Install a diaphragm seal						
		/F	Thread adapter						
		/G	Connection material – SS 316L						
		/H	RS232 communication (minimum order 30 pcs)						
		/I	Silicone rubber protection case						
		/J	Overpressure alarm buzzer						

Order example: DPG-H4.5RS - 2P - (0~20MPa) - 03 - /B