

## 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

-1...0...0.4 to 2500bar

## ▼ Applicable fluid

Liquid and gas that compatible with SS 316L /

Pure, non-corrosive gas

## ▼ Ambient temperature

-40°C to +60°C

## ▼ Fluid temperature

-10°C to +50°C

## ▼ Compensated temperature

-10°C to +50°C

## ▼ Ambient humidity

&lt; 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/cm<sup>2</sup>, mmH<sub>2</sub>O, mmHg

## ▼ Resolution

0.0001

## ▼ Measuring elements

High-tech silicon wafer

SS 316L diaphragm

## ▼ Accuracy

Pressure:

0.025% / 0.05% / 0.1%

Temperature: ±2°C

## ▼ Communication port (option)

RS232

## ▼ Power supply

Rechargeable lithium battery

Include DC 8.4V charger

## ▼ Battery life

80 hours

Battery remaining indication

## ▼ Operating pressure

Overpressure: 1.2\* full scale

Burst pressure: 1.3\* full scale

## ▼ Weight

750g

## Digital Precision Pressure Gauge

Model: DPG-H4.5RS

## Introduction

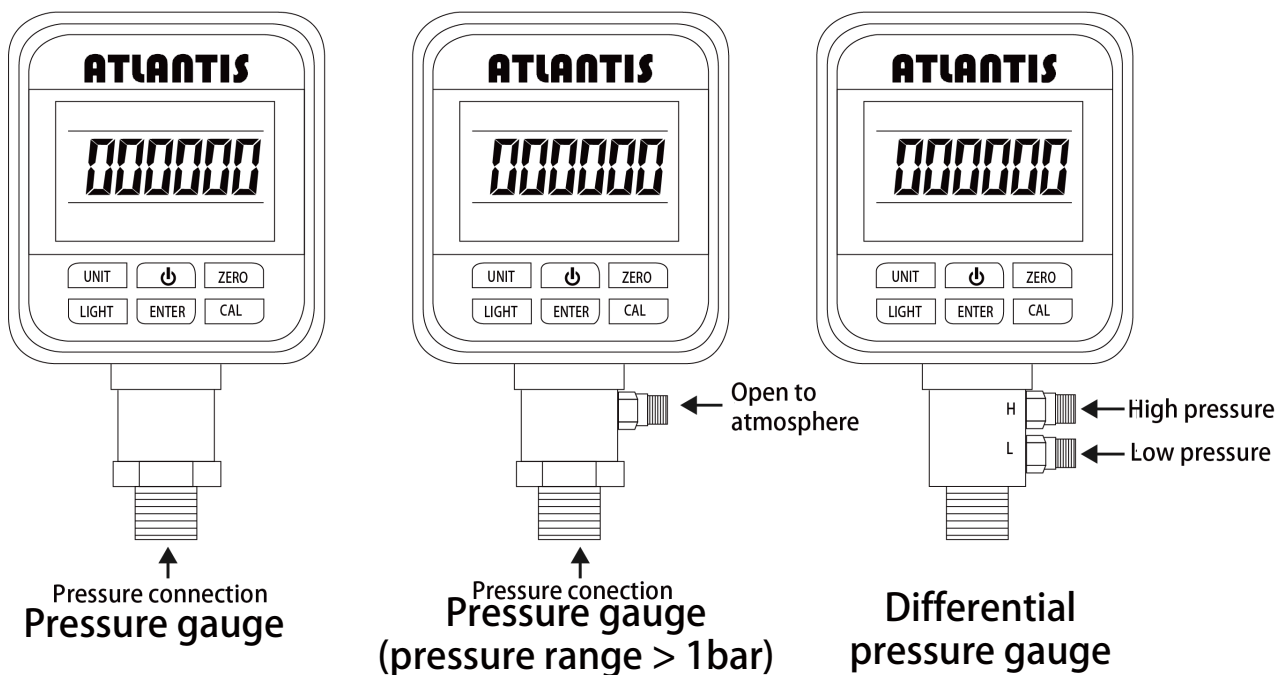
DPG-H4.5RS digital precision pressure gauge adopt high/low aging & temperature compensation technology to ensure its accuracy and stability. DPG-H4.5RS is suitable in field calibration for precision/general pressure gauge & sphygmomanometer.



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	
Code	Pressure connection		
2P	1/4" PT		
4P	1/2" PT		
O	Other (please specify)		
Code	Pressure range		
Custom	-1...0...0.4 to 2500bar		
Code	Accuracy		
A	0.025%		
B	0.05%		
C	0.1%		
Code	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	Customized dial face (brand, color, etc.)		
/H	Connection material – SS 316L		
/I	RS232 communication (minimum order 30 pcs)		
/J	Silicone rubber protection case		
/K	Overpressure alarm buzzer		
DPG-H4.5RS	2N	0...25 bar	B
Order example: DPG-H4.5RS-2N-0...25bar-B			