

**Main Specifications**

▼ **Size**  
3.5" (92 mm)

▼ **Pressure connection**  
Material: SS316  
Laser welding  
Size: 1/4" , 1/2"  
Type: PT, NPT, PF

▼ **Pressure range**  
Min.: 0.4 bar  
Max.: 2500 bar

▼ **Applicable fluid**  
Liquid and gas that compatible with SS 316 /  
Pure, non-corrosive gas

▼ **Ambient temperature**  
-40°C to +60°C

▼ **Fluid temperature**  
-10 to +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**  
5-digit LCD with backlight

▼ **Refresh rate**  
3 times/sec

▼ **Pressure unit**  
kPa, MPa, Pa, psi, kgf/cm<sup>2</sup>, bar, mbar, mmH<sub>2</sub>O, mmHg

▼ **Resolution**  
0.0001

▼ **Measuring elements**  
High-tech silicon chip  
SS 316L diaphragm

▼ **Communication port (option)**  
RS232

▼ **Accuracy**  
±0.5%F.S. / ±0.2% F.S. /  
±0.1% F.S. / ±0.05% F.S.

▼ **Operating pressure**  
Overpressure: 1.2\* full scale  
Burst pressure: 1.3\* full scale

▼ **Compensated temperature**  
-10°C to +50°C

▼ **Power supply**  
Lithium battery: 3.6V  
Input: DC 8.5V (1.5A)

▼ **Battery life**  
80 hours  
(rechargeable lithium battery)

▼ **Weight**  
750g

**Digital Precision Pressure Gauge**  
**Model: DPG-H3.5**



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
- High accuracy - up to ±0.05%F.S.
- 5-digit LCD display with backlight

**How to order**

DPG-H3.5 Digital Precision Pressure Gauge									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
2	Thread size	2	1/4"	4	1/2"	-	-	-	-
P	Thread type	P	PT	N	NPT	F	PF	O	Others
Custom	Pressure range	0.4 bar~2500 bar							
1	Accuracy	1	±0.5%F.S.	2	±0.2%F.S.	3	±0.1%F.S.	4	±0.05%F.S.
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						
		/D	Install a diaphragm seal						

Order example: DPG-H3.5 - 2 - P- (0~300bar) - 1 - /B