

Main Specifications

▼ Type

DPG-X3.0S (Standard)
 DPG-X3.0C (Record Type)
 <Option>
 DPG-X3.0SP (Continuous
 pressure / Pressure-
 maintaining type)
 <Option>

▼ Installation type

Bottom mount /
 Back mount with front flange

▼ Size

3" (80mm)

▼ Connection

Material: Stainless steel 304
 M20*1.5
 G1/4"
 <Customizable>

▼ Pressure range

Please refer to pressure range
 table

▼ Applicable media

Liquid and gas that compatible
 with material of connection

▼ Operating temperature

-10~60°C

▼ Storage temperature

<85%RH

▼ Appliances Protect

Anti-electromagnetic
 interference design

▼ Protect level

IP50

IP54 (with protect case)

<Customizable>

Other Specifications

▼ Case material

Stainless steel 304

▼ Screen display

Max. 5 digits LCD

▼ Pressure unit

MPa, bar, kgf/cm², mH₂O, psi, kPa,
 mmHg, Torr, mbar, cmH₂O, Pa,
 inHg, inH₂O
 <Unit set changes base on
 pressure working range>

▼ Power supply

Bottom mount ▼
 DC 24V / 3V (AAA battery*2)
 (DC 24V is not available for Record
 Type)
 Back mount with front flange ▼
 DC 24V

▼ Overload pressure

150% (>10MPa)

200% (≤10MPa)

▼ Memory (Record Type)

Permanent EEPROM
 10000 pieces of data storable

▼ Power display

3 segment display

▼ Power consumption

<0.005W

▼ Accuracy

±0.4%F.S.

±0.2%F.S. (Partial)

Digital Pressure Gauge

Model: DPG-X3.0 Series

<New DPG-3.0>

Introduction

With a built-in high-precision pressure sensor, which can accurately and instantly display pressure with high precision and good long-term stability. It is suitable for portable pressure measurement, equipment matching, and calibration equipment. The SP type is a special custom product designed for clients with "special needs" for long-term pressure maintenance or monitoring to detect micro-leaks.



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
- Wider LCD screen · 13 units switchable
- Dynamic display of pressure percentage (By bar chart)
- Low power consumption , battery life lasts more than 12 months
- Zeroing, backlighting, and peak recording are available
- Dedicated data communication cable, support USB data export (only for record type)
- The SP type is a specially customized product for clients with a "special requirement" for long-term pressure holding / testing to detect micro-leaks.



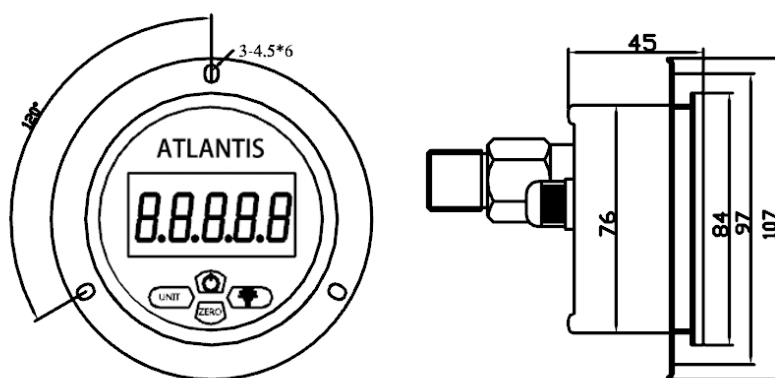
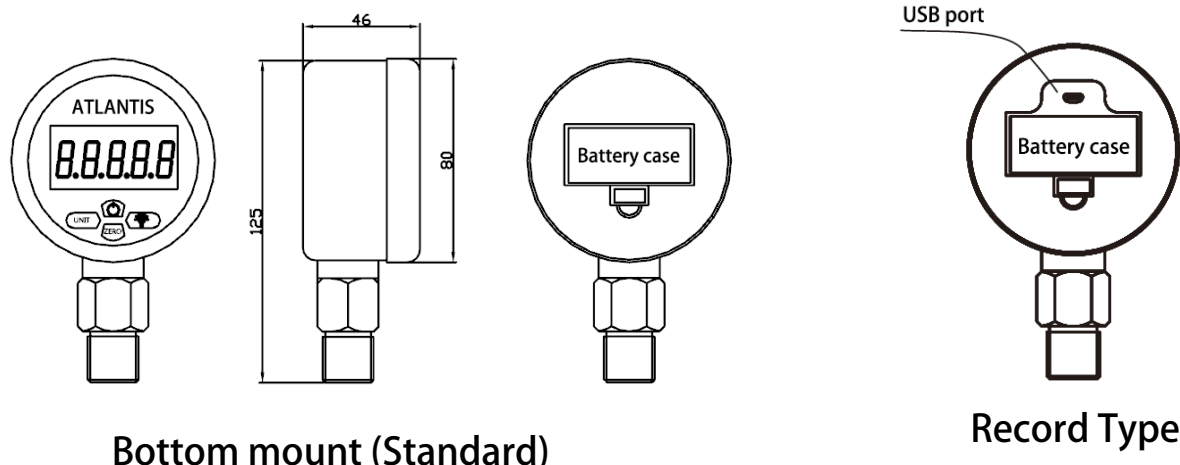
Pressure Range Table

Pressure \ Type	DPG-X3.0S (Standard)	DPG-X3.0C (Record Type)	DPG- X3.0SP (Continuous pressure / Pressure-maintaining type)	Code
Micro pressure	0~6...10...100 kPa	0~10...40...60 kPa	-	K01
Medium pressure	0~0.16...0.25...10 MPa	-	-	K02
High pressure	0~16...25...100 MPa	0~10...25...60 MPa	-	K03
Super high pressure	-	0~100...160 MPa	-	K04
Regular	-	0~0.1...1.0...6 MPa	0~0.06...1600 bar	K05
Compound/Negative pressure	-100...-6~6...10...1000 kPa	-0.1~0...0.1...1.6 MPa	-0.05...10 bar~0	K06
Differential pressure	-0.1~0.1...0.25...25 MPa	-	-	K07
Absolute pressure	0~10...25...1000 kPa	-	0~1...10 bar	K08

Number of decimal places for single units

Range \ Unit	-760 mmHg	-100~ 1000kPa	15psi	0.4MPa	1MPa	1.6MPa	2.5MPa	35kg	10MPa	5000psi
Kgf/cm ²	3	3	4	3	2	2	2	2	1	1
mbar	0	-	1	0	-	-	-	-	-	-
bar	3	3	4	3	2	2	2	2	1	1
MPa	-	4	-	3	3	3	3	3	2	2
mmH ₂ O	-	-	0	-	-	-	-	-	-	-
mH ₂ O	2	2	3	2	1	1	1	1	0	0
mmHg	1	0	1	0	0	-	-	-	-	-
inH ₂ O	1	0	1	0	0	0	-	-	-	-
inHg	2	1	2	2	1	1	1	1	0	-
Torr	1	0	1	0	0	-	-	-	-	-
kPa	1	1	2	1	0	0	0	0	-	-
psi	2	2	2	2	1	1	1	1	0	0

Dimensions



Back mount with front flange

Unit : mm

How to order

DPG-X3.0 Series Digital Pressure Gauges									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
S	Type	S	S (Standard)	C	C (Record Type)	-	SP (Continuous pressure / Pressure-maintaining type)	-	-
A	Installation type	A	Bottom mount	B	Back mount with front flange	-	-	-	-
M20	Connection	M20	M20*1.5	G2	G1/4"	O	Others	-	-
Custom	Pressure Range	Please refer to the pressure range table and select the corresponding code							
3V	Power supply	DC	DC 24V	3V	AAA battery*2	-	-	-	-
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						
		/D	Adaptors						
		/E	Protective case						

Order example: DPG-X3.0 - S - A - M20 - K06 - 3V - /B