

## Main Specifications

- ▼ **Size**  
4.5" ,6"
- ▼ **Installation type**  
Bottom mount (A) /  
Bottom mount with flange (B)  
Bottom mount with flange  
(Eccentric thread) (BDE)
- ▼ **Window**  
PC  
Option:  
Tempered glass / Safety glass  
With O-ring sealed
- ▼ **Pressure connection**  
Material: brass / SS304  
With O-ring sealed  
Size: 3/8" ,1/2"  
Type: BSPT, NPT, PF
- ▼ **Pressure range**  
Gauge pressure ▼  
0...0.6 to 1000 bar  
Negative pressure ▼  
-1...0bar  
Compound pressure ▼  
-1...0 to 20bar
- ▼ **Applicable fluid**  
Liquid and gas that compatible  
with connection's material
- ▼ **Ambient temperature**  
5°C to 40°C
- ▼ **Fluid temperature**  
+40°C
- ▼ **Temperature error**  
Every  $\pm 12^{\circ}\text{C}$   
max. error:  $\pm 0.3\%$  F.S
- ▼ **Protection level**  
IP54

## Other Specifications

- ▼ **Ring**  
Aluminum with black enamel
- ▼ **Ring mount**  
Screw fixed
- ▼ **Case**  
Aluminum with black enamel
- ▼ **Pointer**  
Aluminum with black enamel  
Knife edge design
- ▼ **Dial face**  
Special dial face for  
precision readings  
With external zero adjustment  
Pressure unit, scale, color can  
be customized upon requests
- ▼ **Measuring elements**  
Bourdon tube  
Material: copper alloy / SS304  
/ 50 chromium-vanadium steel
- ▼ **Movement**  
Copper alloy
- ▼ **Accuracy**  
0.4% (Standard) /  
0.25% (Option)
- ▼ **Operating pressure**  
Stabilization: 3/4\* full scale  
Fluctuation: 1/2\* full scale  
Impulse: 1\* full scale

## Precision Test Pressure Gauge (Aluminum Type)

Model: TPG-AL

### Introduction

TPG series precision test pressure gauge features high accuracy with affordable price, which is suitable for calibration authority or laboratory that need high accuracy pressure measurement.

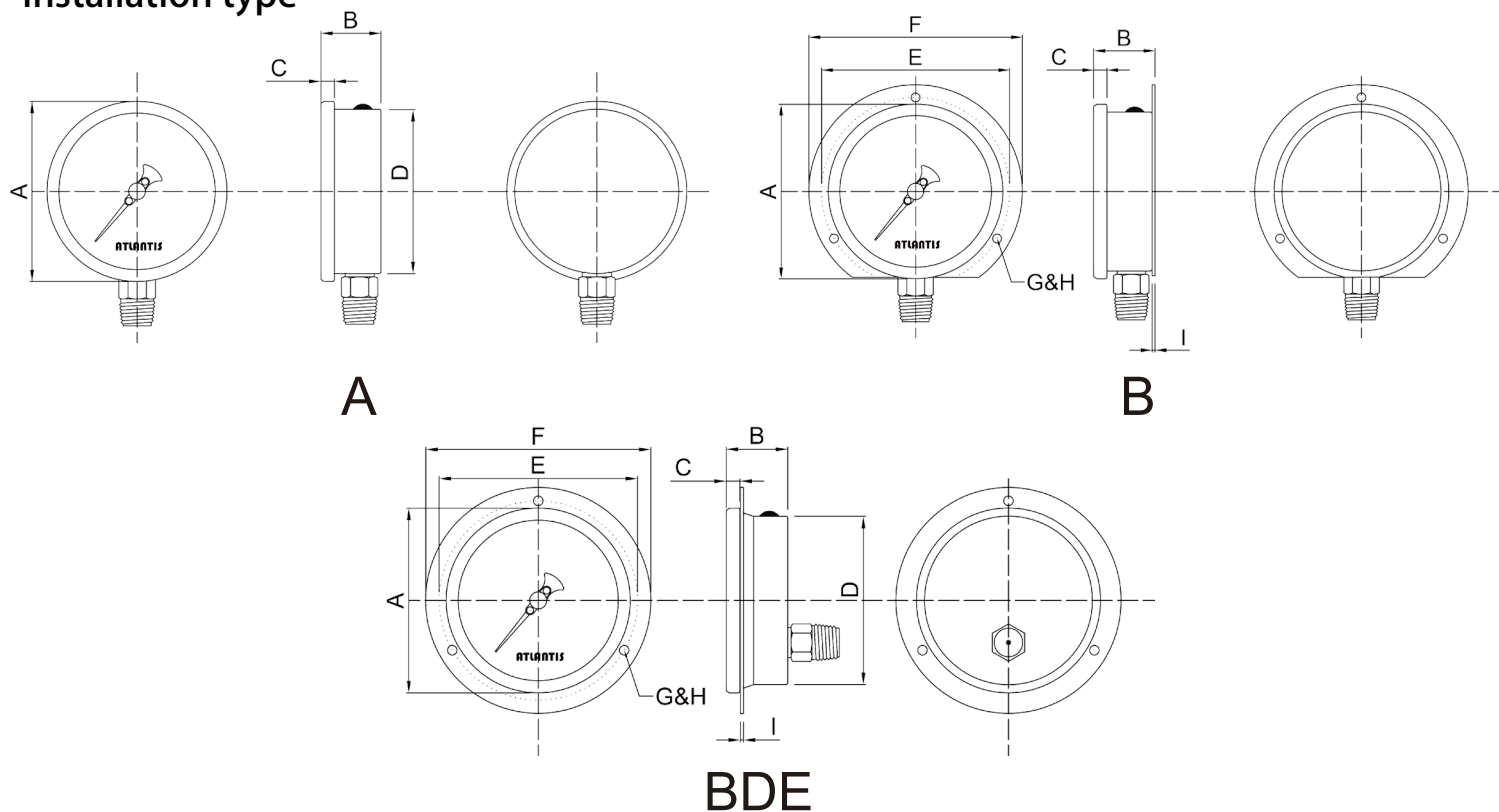


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales.  
(If there is any change on specification, please take the latest version as standard.)

### Features

- OEM service
- Aluminum case pressure gauge with high accuracy performance
- Accuracy can up to 0.25%
- Pointer adopts knife edge design, indicating the reading accurately

## Installation type



## How to order

### TPG-AL Precision Test Pressure Gauge (Aluminum Case Type)

Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item	Code	Item
06	Size	045	4.5"	06	6"	—	—	—	—	—	—
A	Installation type	A	Bottom mount	B	Bottom mount with flange	BDE	Bottom mount with flange (Eccentric thread)	—	—	—	—
304	Connection material	B	Copper alloy	316	SS304	O	Others	—	—	—	—
304	Bourdon tube material	304	SS304	316	SS316	CS	50 chromium-vanadium steel	O	Others	—	—
4	Thread size	3	3/8"	4	1/2"	—	—	—	—	—	—
N	Thread type	P	BSPT	N	NPT	F	PF	O	Others	—	—
Custom	Pressure range	Gauge pressure — (0...0.6 to 1000bar) Negative pressure — (-1...0bar) Compound pressure — (-1...0...0.6 to 20bar) Pressure unit (psi, bar, kPa, kg/cm <sup>2</sup> , MPa, inHg, mmHg, cmHg, etc...) & single / dual scale can be customized upon requests									
B	Accuracy	A	0.4%	B	0.25%	—	—	—	—	—	—
/D	Other requests	/A	Third party notarized documents				/B	Inspection report			
		/C	Tag				/D	Customized dial (scale, color, unit, etc.)			
		/E	Dampened movement, oil cup (Applicable to use no oil environment)				/F	Adjustable pointer (In replace of adjustable screw)			
		/G	Internal stop pin for overpressure protection				/H	Window - Safety glass			
		/I	Window - Tempered glass				/J	Epoxy coating			
		/K	Movement — stainless steel				/L	O-ring material - silicone rubber			
		/M	Case material SS316				/N	Indicator (red, green, yellow)			
		/O	Specify front or rear flange				—	—			

Order example: TPG-AL - 06 - A - 304 - 304 - 4 - N - (0...0.6 to 10bar) - B + /D