

Main specifications

- ▼ **Size**
2.5" / 3" / 4" / 6"
- ▼ **Installation type**
Bottom mount (A) /
Back mount (ADC) /
Back mount with flange (BDC)
- ▼ **Window**
PC / Acrylic
Option: safety glass
(Only available for 4" & 6")
- ▼ **Pressure connection**
Material: copper alloy
Thread size:
1/4" , 3/8" , 1/2"
Thread type:
BSPT, NPT, PF
Other thread specifications
please specify before order
- ▼ **Pressure range**
0....300 to 6000 mmAq
(Minimum measurable
pressure 160 mmAq is
available for 6" only)
- ▼ **Applicable media**
Liquid and gas that compatible
with copper alloy
- ▼ **Liquid-filling**
Silicone oil / Glycerin
- ▼ **Ambient temperature**
-40°C to +60°C
- ▼ **Fluid temperature**
+60°C
- ▼ **Temperature drift**
Every ±12 °C
max. error: ±0.3% F.S
- ▼ **Protection level**
IP65

Other Specifications

- ▼ **Ring material**
Stainless steel
- ▼ **Ring mount**
Snap-in /
Screw fixed
- ▼ **Case material**
SS304
- ▼ **Pointer**
Aluminum with black enamel
- ▼ **Dial face**
Black scale
Special dial face for micro
pressure gauge
Available micro pressure unit ▼
kPa, mbar, mmH₂O, mmAq,
mmWC, inH₂O
- ▼ **Measuring elements**
Capsule
Material: copper alloy
- ▼ **Movement**
Copper alloy
- ▼ **Accuracy**
±4% (option: ±3%)
- ▼ **Operating pressure**
Stabilization: 3/4* full scale
Fluctuation: 2/3* full scale

Stainless Steel Case Micro Pressure Gauge (Liquid-filling Type) Model: MP-SC-L

Introduction

MP-SC-L micro pressure gauge filled with liquid to provide superior vibration performance and longer service life.



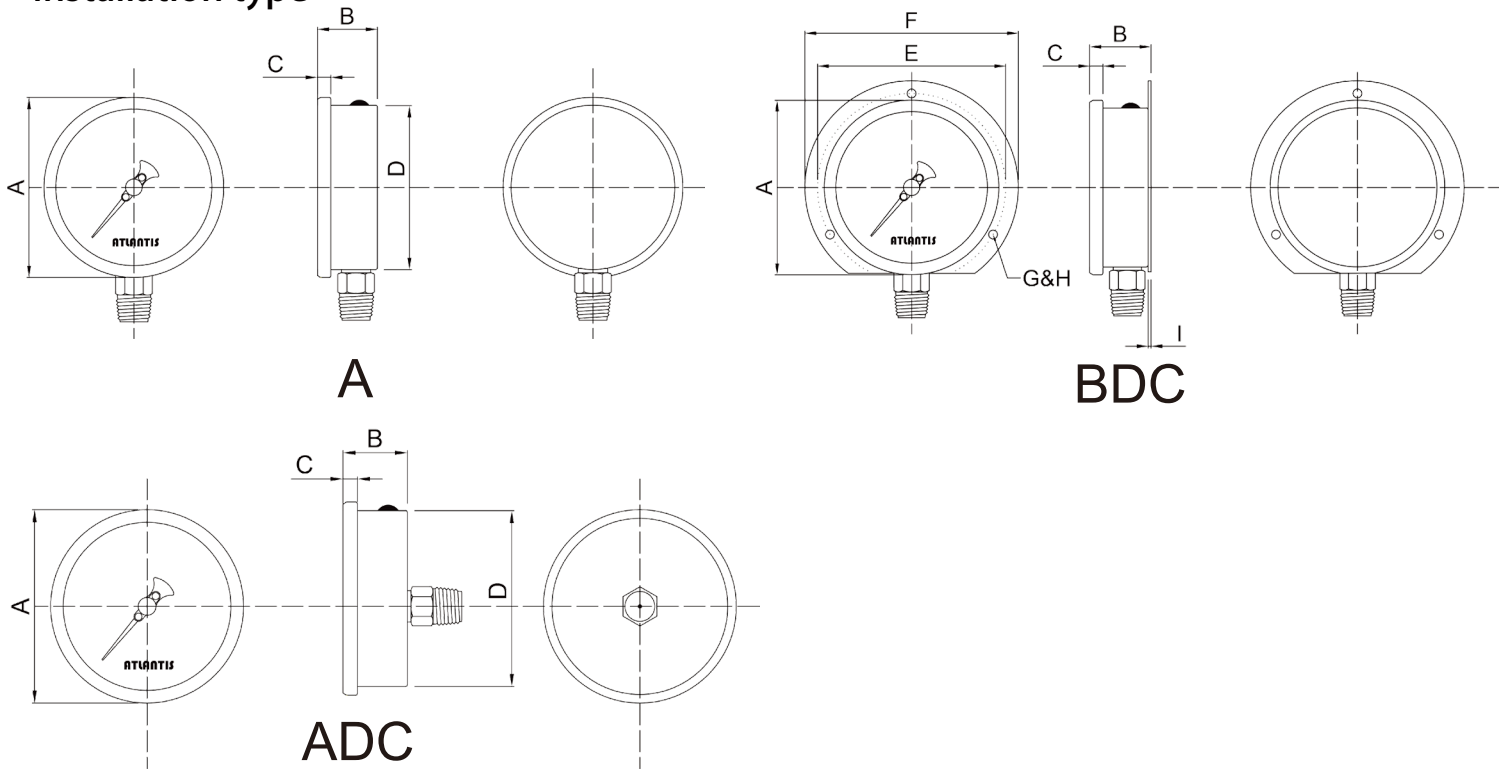
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Micro pressure gauge with liquid-filling, ensuring vibration-proof performance
- Longer service life compared to general type micro pressure gauge
- Minimum measurable pressure – 160mmAq

Installation type	4" (100mm)	6" (150mm)
A	●	●
ADC	●	●
BDC	●	●

Installation type



How to order

MP-SC-L Stainless Steel Case Micro Pressure Gauge (Liquid-filling Type)												
Std.	Specifications	Code	Item	Code	Item	Code	Item	Code	Item	Code	Item	
04	Size	025	2.5"	03	3"	04	4"	06	6"	-	-	
A	Installation type	A	Bottom mount	ADC	Back mount	BDC	Back mount with flange	-	-	-	-	
B	Connection material	B	Copper alloy	O	Others (please specify)	-	-	-	-	-	-	
B	Capsule material	B	Copper alloy	O	Others (please specify)	-	-	-	-	-	-	
4	Thread size	2	1/4"	3	3/8"	4	1/2"	-	-	-	-	
N	Thread type	P	BSPT	N	NPT	F	PF	O	Others	-	-	
G	Pressure type	G	Gauge pressure	V	Vacuum pressure	CP	Compound pressure	-	-	-	-	
B	Accuracy	A	±3%	B	±4%	-	-	-	-	-	-	
G	Liquid-filling	G	Glycerin	S	Silicone oil	O	Others (please specify)	-	-	-	-	
Custom	Pressure range	Gauge pressure: 2.5" / 3" / 4" : 0...300 to 6000mmAq 6" : 0...160 to 6000mmAq Compound pressure: 2.5" / 3" / 4" : 0...±150 to ±3000mmAq 6" : 0...±80 to ±3000mmAq Negative pressure : -6000...0mmAq Pressure unit on dial face: kPa, mbar, mmH ₂ O, mmAq, mmWC, inH ₂ O (special unit available upon request)										
/D	Other requests	/A	Third party notarized documents				/B	Inspection report				
		/C	Tag				/D	Customized dial face (scale, color, unit, etc.)				
		/E	Case material SS316				/F	Install a diaphragm seal				
		/G	Peak hold pointer (only available for size < 2.5")				/H	Internal stop pin for overpressure protection				
		/I	Window - safety glass (only available for 4" & 6")				/J	Indicator (red / green / yellow)				
		/K	Adjustable pointer				/L	Knife edge pointer				
		/M	Chrome-plated thread				/N	Epoxy coating				

Order example: MP-SC-L - 04 - A - B - B - 4 - N - G - B - G - (0...300 to 3000 mmAq) + /D