

Main Specifications

▼ Dimension

110 x 50 mm

Overall height: 167 mm

▼ Pressure connection

Material: SS304

M20 x 1.5

Other specification available upon request

▼ Pressure range

Min.: -1 bar

Max.: 2500 bar

Please refer to pressure range selection table

▼ Pressure type

Gauge pressure /

Absolute pressure /

Sealed pressure

▼ Applicable fluid

Liquid and gas that compatible with SS304 /

Pure, non-corrosive gas

▼ Ambient temperature

-20°C to 70°C

▼ Storage temperature

-40°C to 85°C

▼ Ambient humidity

< 95% R.H.

▼ Atmospheric pressure

860...1060 mbar

▼ Spare parts

3.6V lithium battery /

Thread adaptors

Other Specifications

▼ Ring

SS304

▼ Back housing

Stainless steel

▼ Display

4-digit with backlight

▼ Refresh rate

4 secs/1 times~10 secs/1 times (Adjustable)

▼ Pressure unit

mmH₂O, mmHg, inH₂O, Pa,

kPa, MPa, psi, bar, mbar

▼ Measuring elements

High-tech silicon pressure

sensor chips

SS 316L diaphragm

▼ Accuracy

±0.5%/±0.2%/±0.1%F.S.

▼ Compensated temperature

0°C to 50°C

▼ Operating pressure

Please refer to pressure range selection table

▼ Power supply

3.6V lithium battery

▼ Battery life

Continuous working time up to 3 years

▼ Weight

500g

Digital Precision Pressure Gauge
(Economic Type)

Model: AT805A

Introduction

AT805A digital precision pressure gauge is suitable in field and laboratory pressure measurement and calibration. The economic type is an ideal choice to replace mechanical pressure gauge or transmitter.



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
- Affordable price
- Auto reset to zero function
- Low power consumption
- Auto power off and non-sleep mode

Pressure range selection table

Order Code	Pressure range (bar)	Pressure type	Media	Overpressure
P0	-1~0	G/A	Gas	3* full scale
P1	0~1	G/A	Gas	3* full scale
P2	0~2	G/A	Gas	3* full scale
P3	0~3.5	G/A	Gas/Liquid	3* full scale
P4	0~7	G/A	Gas/Liquid	3* full scale
P5	0~10	G/A	Gas/Liquid	3* full scale
P6	0~20	G/A	Gas/Liquid	3* full scale
P7	0~35	G/A	Gas/Liquid	3* full scale
P8	0~70	G	Gas/Liquid	3* full scale
P9	0~100	SG	Gas/Liquid	3* full scale
P10	0~250	SG	Gas/Liquid	3* full scale
P11	0~400	SG	Gas/Liquid	3* full scale
P12	0~600	SG	Gas/Liquid	3* full scale
P13*	0~1000	SG	Gas/Liquid	2* full scale
P14*	0~1600	SG	Gas/Liquid	2* full scale
P15*	0~2500	SG	Gas/Liquid	1.5* full scale

G=Gauge pressure; SG= Sealed gauge pressure; A= Absolute pressure

*Special requests, please inform our sales before order

How to order

AT805A		Digital Precision Pressure Gauge (Economic Type)		
Code		Pressure connection		
M		M20 x 1.5		
O		Others (Please specify)		
Code		Pressure range		
P9		Please refer to pressure range selection table and select corresponding code		
Code		Accuracy		
A		±0.5%		
B		±0.2%		
C		±0.1%		
Code		Other requests		
/A		Third party notarized document		
/B		Inspection report (issued by Re-Atlantis)		
/C		Tag		
/D		Customized dial face (brand, color, etc.)		
/E		Install a diaphragm		
/F		Other refresh rate		
/G		Thread adapter: to adapt the other kinds of thread		
AT805A	M	P9	A	Order example: AT805A-M-P9-A+/G