

Main Specifications	Other Specifications
<p>▼ <b>Dimension</b> 110 x 50 mm Overall height: 167 mm</p> <p>▼ <b>Pressure connection</b> Material: SS304 M20 x 1.5 Other specification available upon request</p> <p>▼ <b>Pressure range</b> Min.: -1 bar Max.: 2500 bar Please refer to pressure range selection table</p> <p>▼ <b>Pressure type</b> Gauge pressure / Absolute pressure / Sealed pressure</p> <p>▼ <b>Applicable fluid</b> Liquid and gas that compatible with SS304 / Pure, non-corrosive gas</p> <p>▼ <b>Ambient temperature</b> -20°C to 70°C</p> <p>▼ <b>Storage temperature</b> -40°C to 85°C</p> <p>▼ <b>Ambient humidity</b> &lt; 95% R.H.</p> <p>▼ <b>Atmospheric pressure</b> 860...1060 mbar</p> <p>▼ <b>Protection level</b> IP65</p> <p>▼ <b>Explosion-proof class</b> Exia II CT6</p>	<p>▼ <b>Ring</b> SS304</p> <p>▼ <b>Back housing</b> Stainless steel</p> <p>▼ <b>Display</b> 4-digit with backlight</p> <p>▼ <b>Refresh rate</b> 4 secs/1 times~10 secs/1 times (Adjustable)</p> <p>▼ <b>Pressure unit</b> mmH<sub>2</sub>O, mmHg, inH<sub>2</sub>O, Pa, kPa, MPa, psi, bar, mbar</p> <p>▼ <b>Measuring elements</b> High-tech silicon pressure sensor chips SS 316L diaphragm</p> <p>▼ <b>Accuracy</b> ±0.5%/±0.2%/±0.1% F.S.</p> <p>▼ <b>Compensated temperature</b> 0°C to 50°C</p> <p>▼ <b>Operating pressure</b> Please refer to pressure range selection table</p> <p>▼ <b>Power supply</b> 3.6V lithium battery</p> <p>▼ <b>Battery life</b> Continuous working time up to 3 years</p> <p>▼ <b>Weight</b> 500g</p>

## Digital Precision Pressure Gauge (Peak Value Recording Type)

Model: AT805C

### Introduction

AT805C digital pressure gauge with high precision pressure measurement is suitable in field and laboratory pressure measurement and calibration.



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
- Auto peak value recording
- Auto reset to zero function
- Low power consumption
- Auto power off and non-sleep mode
- High accuracy - up to 0.1%

## Pressure range selection table

Order Code	Pressure range (bar)	Pressure type	Media	Burst pressure
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

## How to order

AT805C		Digital Precision Pressure Gauge (Peak Value Recording 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			
AT805C	M	P9	A	Order example: AT805C-M-P9-A+/G	