

Main specifications	Other specifications
<p>▼ Dimension 120 x 45 mm</p> <p>▼ Pressure connection Material: SS 304 Size: 1/2" Type: BSPT, NPT, PF</p> <p>▼ Pressure range Min.: -1 bar Max.: 2500 bar</p> <p>▼ Applicable fluid Liquid and gas that compatible with SS 304</p> <p>▼ Ambient temperature 0°C to +50°C</p> <p>▼ Ambient Humidity ≤ 95% R.H.</p> <p>▼ Atmospheric pressure 0.86~1.01bar (86~101kpa)</p> <p>▼ Temperature effect Standard: 20°C 0~50°C max. error: ±0.1% F.S</p> <p>▼ Explosion-proof Exia II CT4Ga</p>	<p>▼ Ring Aluminum alloy</p> <p>▼ Back housing ABS</p> <p>▼ Display 6 digits LCD display (with backlight)</p> <p>▼ Pressure unit Pa, kPa, MPa, mmHg, kgf/cm², cmH₂O, mmH₂O, psi, mbar, bar</p> <p>▼ Resolution 0.00001</p> <p>▼ Measuring elements High-tech silicon pressure sensors Diaphragm: SS316L</p> <p>▼ Communication port RS485, RS232, USB</p> <p>▼ Accuracy 0.02% / 0.05% / 0.1% / 0.2%</p> <p>▼ Operating pressure Overpressure: 1.2* full scale Burst pressure: 1.5* full scale</p> <p>▼ Power supply Rechargeable lithium battery / Adaptor</p> <p>▼ Battery service life 80 hours (rechargeable lithium battery)</p> <p>▼ Weight 700g</p>

Digital Precision Pressure Gauge

Model: AT211SH

Introduction:

Apply to calibrate pressure / differential pressure transmitters, general / precision pressure gauges, other precision pressure gauges 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.)

Micro Differential Pressure Scale Selection Table

Pressure Range	Type	Accuracy	Accuracy	Medium
(0~60)Pa	D	1.6	—	⑤
(0~100)Pa	D	1.0	—	⑤
(0~250)Pa	D	0.5	—	⑤
(0~1)kPa	D	③	—	⑤
(0~2)kPa	D	③	—	⑤
(0~2.5)kPa	D	③	—	⑤
(0~5)kPa	D	③	—	⑤
(0~6)kPa	D	③	—	⑤
(0~10)kPa	D	②	—	⑤

Features

- Peak value record
- Compact-design and easy-to-use
- Single measurement and low power consumption
- Wide screen LCD display
- RS485, RS232, USB port are available for connection
- Exia II CT4Ga explosion-proof certificated
- Ten kinds of pressure units are selectable

General Pressure Scale Selection Table

Pressure Range	Accuracy	Accuracy	Accuracy	Medium
(-100~0)kPa	①, G	②, G	—	⑤
(0~16)kPa	—	②, G	—	⑤
(0~25)kPa	—	②, G	—	⑤
(0~40)kPa	①, G	②, G	—	⑤
(0~60)kPa	①, G	②, G	④, A	⑤
(0~100)kPa	①, G	②, G	④, A	⑤
(0~160)kPa	①, G	②, G	③, A	⑤
(0~250)kPa	①, G	②, G	③, A	⑤
(0~400)kPa	①, G	②, G	③, A	⑥
(0~600)kPa	①, G	②, G	③, A	⑥
(0~1)MPa	①, G	②, G	③, A	⑥
(0~1.6)MPa	①, G	②, G	③, A	⑥
(0~2.5)MPa	①, G	②, G	③, A	⑥
(0~4)MPa	①, G	②, G	③, A	⑥
(0~6)MPa	①, G	②, G	③, A	⑥
(0~10)MPa	①, SG	②, G	③, A	⑥
(0~16)MPa	①, SG	②, G	③, A	⑥
(0~25)MPa	①, SG	②, G	③, A	⑥
(0~40)MPa	①, SG	②, G	③, A	⑥
(0~60)MPa	①, SG	②, G	③, A	⑥
(0~100)MPa	—	③, G	—	⑥
(0~160)MPa	—	③, G	—	⑥
(0~250)MPa	—	③, G	—	⑥

Compound Pressure Scale Selection Table

Pressure Range	Type	Accuracy	Accuracy	Medium
±60Pa	G	1.6	—	⑤
±250Pa	G	0.5	—	⑤
±1kPa	G	③	—	⑤
±2kPa	G	③	—	⑤
±2.5kPa	G	③	—	⑤
±5kPa	G	②	—	⑤
±10kPa	G	②	—	⑤
±16kPa	G	②	—	⑤
±20kPa	G	②	—	⑤
±40kPa	G	①	②	⑤
±60kPa	G	①	②	⑤
(-100~60)kPa	G	①	②	⑤
(-100~100)kPa	G	①	②	⑤
(-100~160)kPa	G	①	②	⑤
(-100~250)kPa	G	①	②	⑤
(-0.1~0.6)MPa	G	①	②	⑤
(-0.1~1.0)MPa	G	①	②	⑥
(-0.1~2.5)MPa	G	①	②	⑥
(-0.1~4)MPa	G	①	②	⑥
(-0.1~6)MPa	G	①	②	⑥
(-0.1~25)MPa	G	①	②	⑥

*①0.02 ②0.05 ③0.1 ④0.2 ⑤air ⑥gas/liquid

* G: Gauge pressure (relative pressure)

* A: Absolute pressure

* SG: Sealed gauge pressure

* D: Differential pressure

How to Order

AT211SH		Digital Precision Pressure Gauge				
	Code	Thread type				
	4P	1/2" PT				
	4N	1/2" NPT				
	4F	1/2" PF				
	O	Others				
		Code	Pressure range			
		G1	Please refer to general pressure, micro differential pressure, compound selection tables			
			Code	Accuracy		
			1	0.02%		
			2	0.05%		
			3	0.1%		
				Code	Other demands	
				/A	Third party notarized documents	
				/B	Inspection report	
				/C	Tag	
			/D	Install a diaphragm		
AT211SH		4P	G1	1	Order example: AT211SH-4P-G1-1+/D	