

General Features

- The MPG200 Smart Digital Pressure Gauge is a compact and precise pressure measurement device designed for portable use. Featuring a dual-screen design, the main screen displays real-time pressure data, while the secondary screen can switch to show temperature, humidity, maximum, and minimum values. With a protection rating superior to IP65, the device is powered externally via a Type-C interface and includes Bluetooth functionality for quick and convenient debugging and parameter configuration. It is primarily suitable for applications such as inspection Instruments and calibration devices.

Product Image



Technical Characteristics

- High-capacity storage
- Full screen design
- Remote management
- Low power consumption

Applications

- Portable pressure measuring equipment
- Pressure monitoring instruments
- Pressure vessels
- Supporting pressure instruments and meters

Technical Parameters

Range

*Refer to the selection guide for details

Display accuracy

±0.4%FS, ±0.2%FS

Output

Bluetooth output

Threaded interface

*Refer to the selection guide for details

Power

3.6VDC lithium battery (Type-C charging)

Screen display mode

5-digit LCD display (black background with white text)

Joint material

304 stainless steel

Data configuration

Bluetooth configuration

Data storage

Can store multiple records, each record can hold up to 1 million pieces of data

Dial size

2.5 inch

Protection level

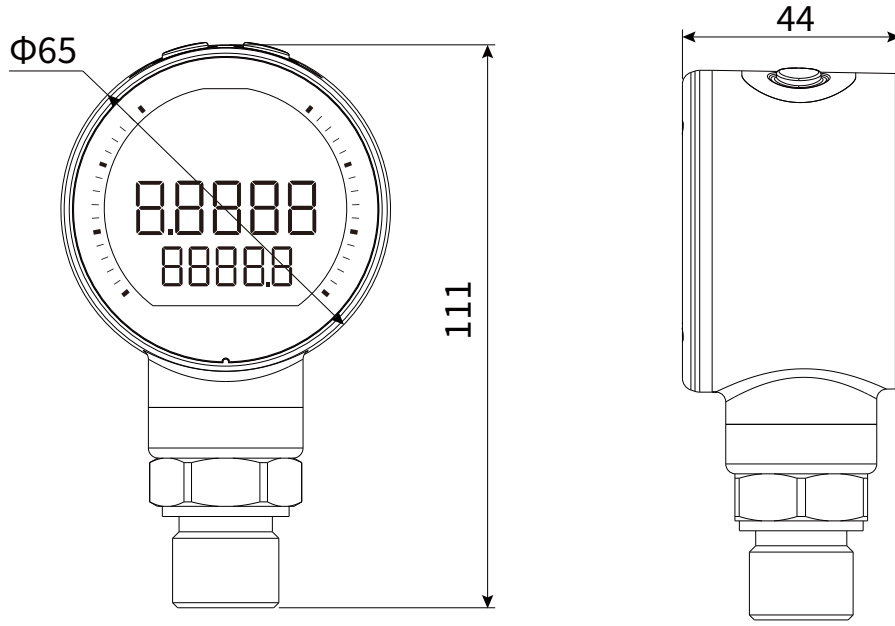
IP65

Temperature

(-10~60)°C



Technical Drawing and Dimensions



Technical Characteristics

MPG200	2.5M	2	BT	N14	P10	T1	K1	XXXXXX
Model MPG200	Range 2.5MPa *Refer to the table below	Accuracy 1 ($\pm 0.4\%$ FS) 2 ($\pm 0.2\%$ FS)	Output signal BT(Bluetooth)	Connection N14 (N1/4) *Refer to the table below	Power supply P0(battery) P10 (rechargeable battery)	Medium temperature T1 (-10~60°C) T1	Special specifications *Refer to the table below	ID Code

	Unit	GB(MPa/kPa)	ASME (PSI)	EN (bar)	Notes
Range	Ultra-high	0-100/160/200/250 MPa	0-15000/30000	0-1000/1600/2500	1) The above ranges are standard ones. For customized ranges, please consult the technical engineers of Menkon.
	High	0-10/16/25/40/60 MPa	0-3000/5000/10000	0-100/250/400/700	
	Medium	0-0.1/0.16/0.25/0.4/0.6/1/1.6/2.5/4/6MPa	0-15/30/50/100/300/500/1000	0-1/2.5/4/6/10/25/40/60	
	Low	0-10/25/40/60/kPa	0-1/3/5/10	0-0.1/0.25/0.4/0.6	2) Special specifications: K0 (None) K1 (Oxygen measurement) K2 (Hydrogen measurement) K3 (Zinc/copper restricted) K4 [Acid measurement (non-hydrofluoric acid)] K5 (With heat sink) K6 (Fluorine-coated) K9 (Custom specification)
	Micro	/	/	/	
	Absolute pressure	100/160/250/400/600kPa 0-1/1.6/2.5MPa	0-15/30/100/500	1/2.5/4/6/10/25	
	Negative pressure	-100-0)kPa	(-15-0)	(-1-0)	
	Compound pressure	(-10-10)/(-25-25)/(-40-40)/(-60-60)/(-100-100)kPa (-100-250)/(-100-400)/(-100-600)kPa (-0.1-1)/(-0.1-1.6)/(-0.1-2.5)MPa	(-1-1)/(-3-3) (-5-5)/(-15-15) (-15-100)/(-15-300)	(-0.1-0.1)/(-0.25-0.25)/(-0.4-0.4) (-0.6-0.6)/(-1-1)/(-1-2.5)/(-1-4)/(-1-6) (-1-10)/(-1-25)	
	Differential pressure	/	/	/	
					3) CTO: Custom-To-Order
Connection	Standard	M20(M20*1.5)/M14(M14*1.5)/G12(G1/2)/G14(G1/4)/ENG14(G1/4)/EDG14[With Elastomer Seal (ED)]G1/4/N12(NPT1/2)/N14(NPT1/4)/P12(PT1/2)/P14(PT1/4)Thread			

MPG200 DATASHEET V.2 R.1



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