



FEATURES

- 150mm diameter, 304SS shell
- 5 digits display, main & sub-screen dual screen design
- 10 units are available: Mpa/ kPa/ psi/ bar/ Pa/ mbar/ mmHg/ mH2O/ Torr/ kgf/ cm
- Low power design, 3 AA batteries and can lasts up to 3600 h
- Product certificate: CE, Explosion Certificate Exib IICT4

APPLICATIONS

- Mechanical electronics industry
- Pressure Laboratory
- Replace the pointer precision pressure gauge and can be used as a standard pressure gauge for verifying pressure transmitters & ordinary pressure gauges
- Supporting equipment of instrument
- Construction mech automation

PRODUCT OVERVIEW

This high-precision digital pressure gauge adopts a 55x55mm large-size LCD screen. It uses a crossover display of the main screen and the sub-screen. It can display the real-time pressure and simultaneously display the reference data such as the on-site temperature and pressure maximum/minimum. the product is powerful, preset 10 pressure units, adjustable pressure sampling rate, battery power display, the product is equipped with USB external power supply and battery dual power supply mode. This product is powered by three 5th batteries and features an ultra-low power design for up to 3,600 hours of battery life. The product adopts high-precision ADC and high-speed microprocessor, full digital design, high precision and good stability. The product is made of 304 stainless steel material, equipped with carrying case and power supply accessory, which is beautiful and practical.

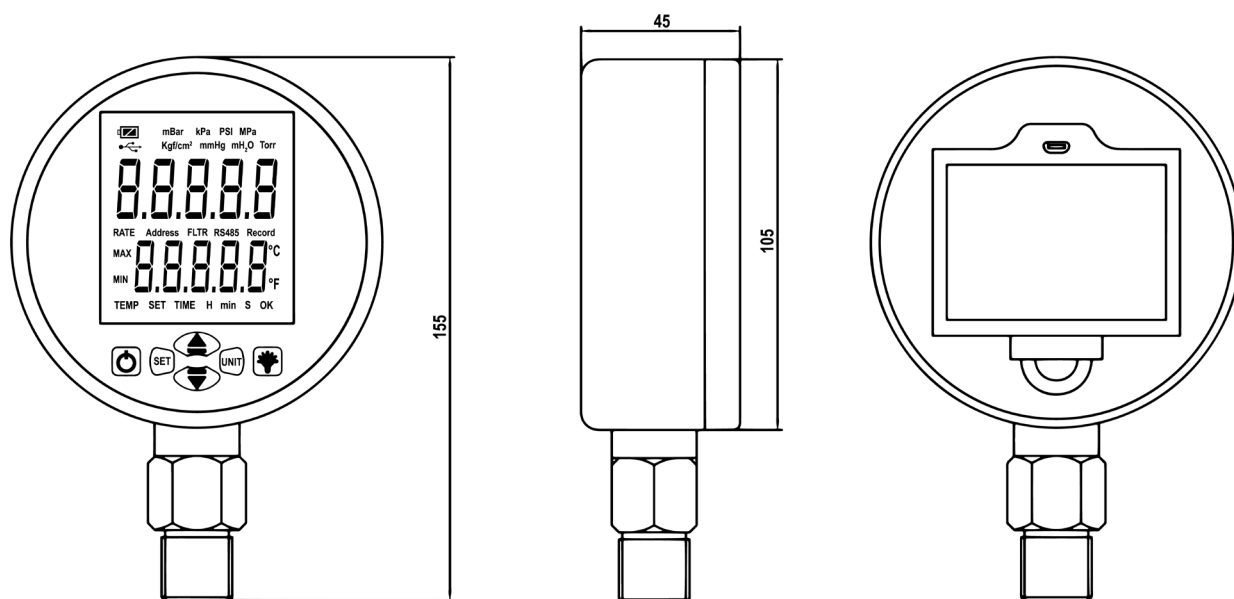
STANDARD PARAMETERS

Range	Micro range: 0.01...0.025...0.25bar Low range: 0.4...0.6...2.5bar Medium: 4...6...40bar High pressure: 60...100...250bar Ultra high pressure: 400...600...1600
Overload capacity	150% (>100 bar); 200% (≤100bar)
Backlight color	White
Dial size	105mm
Accuracy	0.05% FS 0.1% FS
Output signal	RS485

STANDARD PARAMETERS

Long-term stability	Typical: $\pm 0.1\%$ FS/year
Operating temperature	0...40°C
Compensation temperature	0...40°C
Electric protection	Anti Electro Magnetic Interference
Sampling frequency	1-10 times/second
Measurement medium	Gas or liquid compatible with 316 stainless steel
Pressure connection	M20 X 1.5mm, G1/4", 1/4" NPT (Customized)
Connection material	304SS
Shall	304SS
Function	Power On/Off Backlight Clear Unit Switch Extreme Value Display
Power supply	3 AA batteries USB supply
Accessory	Carring case / USB power cord
Product certificate	CE Explosion Certificate (Exib IICT4)
IP rate	IP50 (IP54 with protection sleeve)

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. DIAL SIZE		10	9. CONNECTION		M1
10	105mm		M1	M20 X 1.5mm (M)	
			M2	G¼" (M)	
2. INTALLATION MODE		E	M3	G½" (M)	
E	Radial		M4	½" NPT (M)	
Z	Axial		M5	¼" NPT (M)	
3. FEATURE		X	M7	ZG¼" (M)	
X	Normal		M9	Customized	
P	Flush Film		10. OUTPUT SIGNAL		R
DP	Differnetial Pressure		R	RS485	
XF	Clamp				
DN	Flange				
4. RANGE		Xb			
Xk	0-X kPa				
Xb	0-X bar				
XM	0-X MPa				
5. ACCURACY		1			
1	0.1% FS				
2	0.05% FS				
6. POWER SUPPLY		P0			
P0	Batteries				
P2	24V				
7. ADDITION		L			
L	Display				
I	Explosion-proof				
8. MEDIUM TEMPERATURE		T7			
T7	Customized				
T1	-5...40°C				

Ordering Example :
MT-P300DG-10-E-X-Xb-1-P0-L-T7-M1-R