



DPG285 digital pressure gauge

Product description

DPG285 digital pressure gauge is a high-precision pressure gauge that can rotate 330°. It adopts split-screen display of main screen and secondary screen. While displaying real-time pressure, it can simultaneously display reference data with ambient temperature, maximum or minimum pressure, etc..

The product has powerful functions, a variety of common pressure units are available, the pressure collection rate is adjustable, the battery power is displayed, and the product supports external power supply and battery dual power supply modes.

This product is powered by three batteries and adopts an ultra-low power consumption design, with a maximum battery life of more than 1 year.



Applications

- ◇ Mechanical and electronic industry
- ◇ Instrument and meter supporting
- ◇ Pressure laboratory
- ◇ Construction machinery automation
- ◇ It can replace the pointer precision pressure gauge and can be used as a standard pressure gauge for calibrating pressure transmitters and ordinary pressure gauges.

Technical features

- ◇ Original imported pressure sensor, accuracy 0.05%. 0.1%, 0.5% optional
- ◇ Dial rotates 330°
- ◇ 15 types of units available
- ◇ Low power consumption design, powered by 3 AAA batteries, with a battery life of up to 1 year
- ◇ Bluetooth function, can set various parameters and export recorded data.

Technical Parameters

Measuring range:	Micro pressure: (0~1... 40...250) kPa Medium pressure: (0~0.4...1...4 MPa) High pressure: (0~6...10...20 MPa) Ultra-high pressure: (0~40...60...100 MPa) Absolute pressure: (0~10...250...1000 kPa) Compound pressure (-100...2.5~2.5...100...1000)kPa
Overload pressure:	150% (>10MPa), 200% (≤10MPa)
Backlight color:	yellow backlight



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- Dial size: 85mm
Accuracy level: $\leq 20\text{MPa}$ Accuracy: 0.05% FS; 0.1% FS, 0.5% FS;
 $> 20\text{MPa}$ accuracy: 0.1% FS, 0.5% FS;
Long-term stability: better than 0.05%FS/year
Working temperature: $-5\sim 40^{\circ}\text{C}$
Electrical protection: anti-electromagnetic interference design
Sampling frequency: 1~10/second
Measuring medium: gas or liquid compatible with 316 stainless steel
Pressure interface: M20*1.5 or customized
Connector material: 304 stainless steel
Rotation angle: 330°
Product functions: power on/off, backlight, reset, unit switching, extreme value display, Bluetooth communication
Power: 3 AAA batteries or USB power supply
Shell material: Cast aluminum
Protection level: IP65

Structure size: (mm)

