

# Digital Pressure Gauge



Digital Pressure Gauge is an intelligent pressure gauge with high precision, tracking speed, simple operation and reliable self-protection function. The product applies whole electronic structure and silicon piezoresistive sensor chip, with powerful anti-jamming capability, fast sampling speed, digital filtering techniques to ensure its high accuracy, low drift, reliable performance, anti-corrosion, anti-vibration, long life, and self-protection function.

It can be applied to liquid, gaseous or vaporous media without ex-proof requirement. It is suitable for on-site pressure measurement or high-precision pressure measurement in laboratories. As an excellent alternative to mechanical pressure gauge with high precision, it also can be used to calibrate general pressure gauge.

## Technical Specification

Scale range: Pressure gauge (0 to 100 MPa), vacuum gauge (-0.1 to 0 MPa) and combined pressure gauge (-0.1 to 60MPa). Specific range should be selected in accordance with specific pressure requirement.

Power: 3.6V battery; or AC220V; or DC24V;

Accuracy: 0.1%; 0.25%, 0.05%

Dial: 80mm, 100mm, 150mm

Compensating temperature range: 0..65°C

Indicating pressure unit: Mbar, Bar, kg/cm<sup>2</sup>, Psi, mmH<sub>2</sub>O, mmHg, MPa, KPa,

Connection size: M20×1.5; G½"; ½" NPT or customized

Packing size: W×L×H 130×94×40 mm

Nominal display size: 82mm

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Wetted Material: 304 stainless steel (or customized)

Humidity: No more than 85% RH