

AS-DGA

HIGH PRECISION DIGITAL PRESSURE GAUGE



AS-DGA a high precision digital pressure gauge adopts 55x55mm large-size LCD screen. It uses 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 AAA 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 Stainless Steel Material (SS304) equipped with carrying case and power supply accessory, which make easy to carry.

Features

- 105mm diameter, 304SS Shell
- 5 digits display, main @ sub-screen dual screen design
- 10 units are available: MPa/kPa/psi/BAR/Pa/mBar/mmH/mH2O/Torr/ Kg/cm
- low power design, 3 AA batteries and can last upto 3600 hours
- Product Certifications: CE

Extensive Application

Widely used in petroleum, chemical, power station, automation equipment manufacturing, medical, pharmaceutical, food and other industries.



Specification

Pressure range: Micropressure: (1...2.5...25) kPa
Low Pressure: (40...60...250) kPa
Medium Pressure: (0.4...0.6...4) MPa High Pressure: (6...10...25) MPa
Ultra-High Pressure: (40...60...160) MPa
Compound Range: (-2.5~2.5...5...-100~1000) kPa
Absolute Pressure: (0~10...25...1000) kPa
Differential Pressure: (0~10...25...40...60...100...250...400...600) kPa
(0~1...1.6) MPa

Overload Capacity: 150%(>10MPa); 200%(<10MPa)
Accuracy: 0.1%FS (0.05%FS on request)
Backlight color: White
Operating temp.: -5 to 40 Deg C
Compensated temp.: 0 to 40 Deg C
Electric protection Anti-electromagnetic interference design
Sampling frequency: 1-10 times/second
Measurement Medium: Gas or Liquid compatible with 316 Stainless Steel
Long term stability: ±0.1%FS/year (typical)
Supply battery: 3 AA batteries/ USB Supply
Material Stainless steel for shell, 316L for isolation diaphragm
Medium compatibility: All media compatible with SS316L
IP Protection: IP50

DIMENSION

