



EIE

Digital Barometer
EIE-DB-1

Digital Barometer



- 24-bit high resolution digital barometric pressure sensor
- Built-in three digital barometric pressure sensors
- Up to 10 sets of values available for the pressure sensor calibration
- Real time temperature and humidity display
- Anti dust design; Friendly Interface

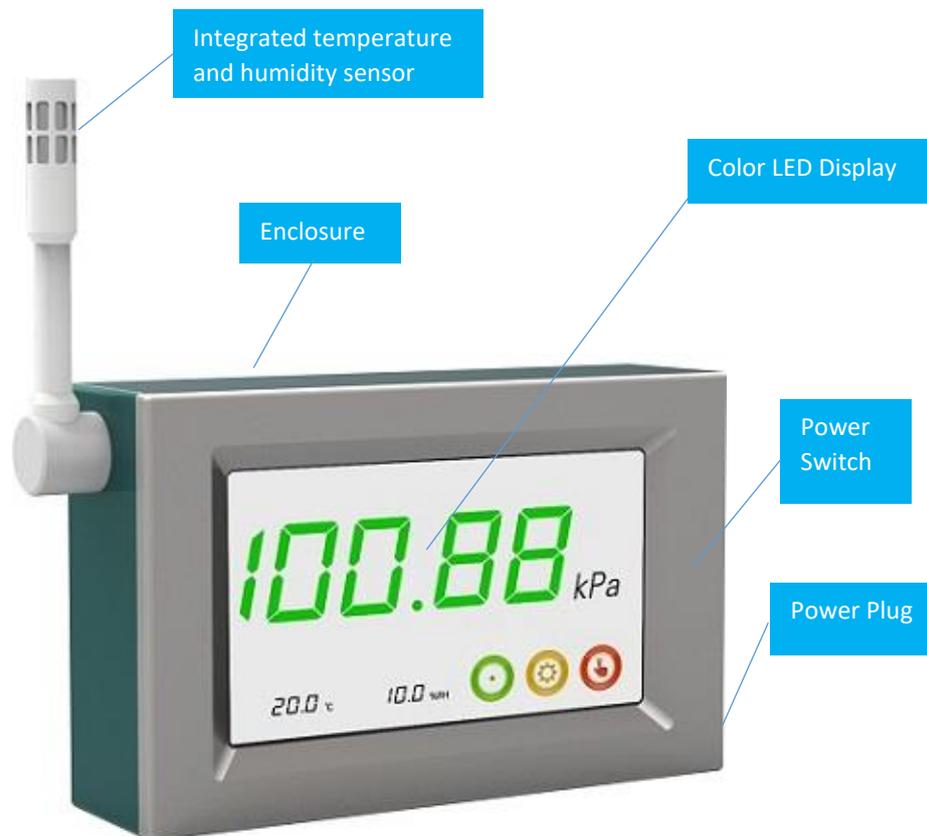


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Product Introduction

The instrument is a portable precision digital barometer specifically designed for petroleum and chemical industries. The instrument equips LED color display. It can calibrate values of barometric pressure, temperature and humidity, with up to ten internal calibration points. Due to the light weight and easy to carry, this product is an ideal precision measuring instrument replacing the traditional mercury trough atmospheric pressure gauge and empty box atmospheric pressure gauge. No environmental pollution, high precision, good repeatability.

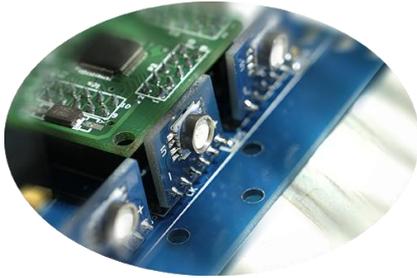




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Built-in 3 groups of digital barometric sensors, assure the precision. Any problems from one sensor does not affect the measuring, which effectively extends the instrument life.



High-precision integrated temperature and humidity sensors, real-time measurement of ambient temperature and humidity



Large characters, eye-catching simplicity, suitable for long distance observation



Anti-dust and waterproof



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SPECIFICATIONS

Application	
Used in petroleum, chemical, research, environment monitor and protection, laboratories	
Features	
Pressure Sensor	24-bit high resolution digital barometric pressure sensor, automatic temperature compensation, wide measuring range, small temperature drift
Reliable	built-in 3 pressure sensors, actual value averaged from three measurements, extending the instrument life by eliminating influence from any single sensor's problem
Calibration	up to 5 set calibration values
Easy Operation	7-in high resolution color touch screen, beautiful UI, simple key input
Display	large font for long distance reading
More Option	display absolute barometric pressure and ambient temperature
Specifications	
Barometric Pressure Range	30 - 110 KPa
Barometric Pressure Accuracy	0.01 KPa (0 -50°C)
Temperature Sensor Range	-40 - 120°C, Accuracy: +/-0.3°C
Humidity Range	0 - 100 RH, Accuracy: +/-2% RH
Pressure Calibration Points	10
Operation	
Voltage	DC 5V, 1 A
Operating Environment	
Ambient Temperature	-20°C to 70°C
Storage Temperature	-20°C to 70°C
Relative Humidity	not more that 95% at 35°C
Working Place	Inside
Product Size	
Dimensions (mm)	180L x 80W x130H
Weight (Kg)	2