DPR280 Digital Pressure Gauge

Product Description

The DPR280 is a high-precision intelligent digital pressure gauge with built-in high-precision pressure sensor that accurately displays pressure in real time with high precision and long-term stability.

This digital pressure gauge is equipped with a large-size LCD display, which has various functions such as clearing, backlighting, switching, unit switching, low voltage alarm, etc. It is easy to operate and easy to install.

The product adopts 304 stainless steel shell and connector, which has good shock resistance and can measure gas, liquid, oil and other non-corrosive medium for stainless steel.

This intelligent digital pressure gauge is suitable for pressure measurement in portable pressure measurement, equipment matching, calibration equipment, etc.
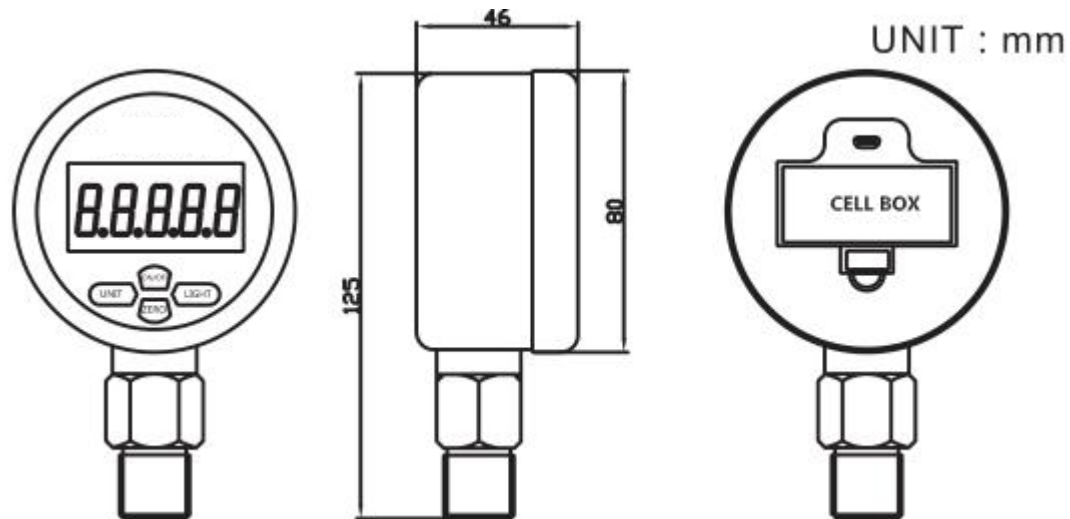
Technical Characteristics

☆ Outer diameter 80mm, 304 stainless steel dial and connector
☆ battery power supply, can last for 12 months
☆ Timed collection
☆ USB output, support data export
☆ Dedicated data communication line
☆ can store up to 10,000 data
☆ With pressure scale bar indicating the current pressure percentage
☆ One-button clear error
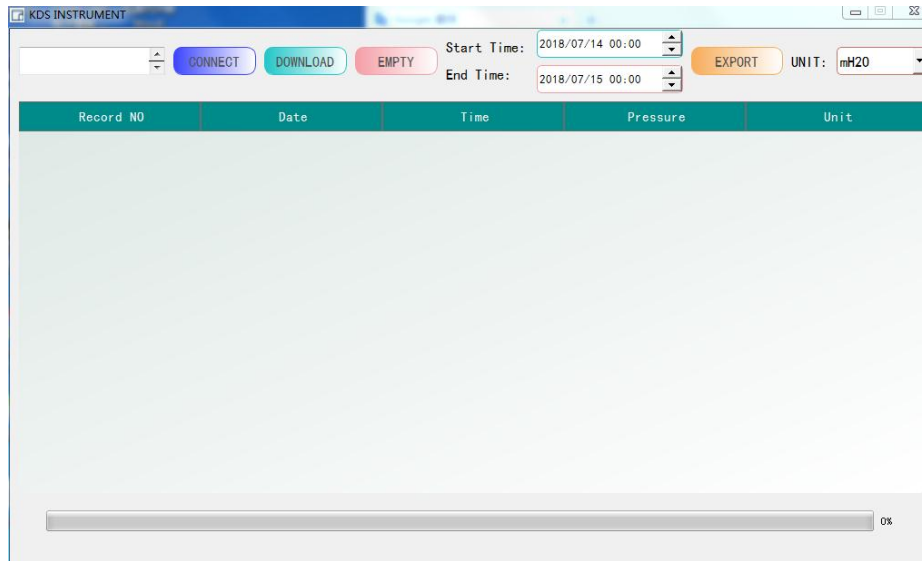☆ It can measure water, oil, gas and other media that are non-corrosive to stainless steel.

Parameter Index

Pressure range	Vacuum: (0~-100) kPa
	Compound: (-0.1~0.1)MPa (-0.1~0.25)MPa (-0.1~0.4)MPa (-0.1~0.6)MPa (-0.1~1.0)MPa (-0.1~2.5)MPa, (-5~5) kPa (-10~10) kPa (-25~25) kPa (-50~50) kPa
	Micro pressure: (0~5) kPa (0~10) kPa (0~25) kPa (0~50) kPa (0~100) kPa
	Conventional: (0~160) kPa (0~250) kPa (0~400) kPa (0~600) kPa (0~1) MPa (0~1.6) MPa ... (0~100) MPa
	Differential pressure: (0~10...25...40...60...100...250...400...600)kPa, (0~1...1.6) MPa
Mounting interface	M20*1.5 G1/4 NPT1/4
Accuracy class	0.4 %f.s 0.2%f.s
Display digits	4-digit LCD display
Back light	white backlight
Size	80mm diameter 48mm thickness
Power supply	3V (two 7th battery)
Power consumption	<0.005W
Measuring medium	Water, oil, gas, non-corrosive medium for stainless steel
Function	1. Power on/off 2. One-key clear 3. Maximum and minimum recording function 4. Backlight 5. Unit switching

Structure Size

Software Interface

CONNECT: connect or disconnect the gauge with USB.
DOWNLOAD: download the gauge data to PC
EMPTY: empty all the data memory in the gauge.
EXPORT: export the data to excel file
UNIT: chose pressure unit.