

Digital Pressure Gauge

- **Log up to 10,000 data points**
- **USB output and software included for easy data retrieval**
- **Visual bar display of pressure usage of full scale**
- **Large display with bright backlight for high visibility**
- **Recommended alternative to DPG4000 Series**



Overview

The DPG280 series are robust, digital pressure gauges that feature data logging capabilities. Store up to 10,000 points; sample rate is adjustable and can be logged as fast as three times the measurement per second or as slow as three times the measurement every hour. Recorded data is accessible by utilizing a USB connection and easy-to-use software that make data analysis straightforward. There are several additional features that add to the usability of this series. There are five selectable engineering pressure units, a zero function, peak measurement display, and bright white backlight. Also displayed is a visual bar to quickly show percentage of rated pressure being utilized and the battery level of the unit to help prevent a unit unexpectedly losing power. These units can measure a wide variety of gasses and liquids that are non-corrosive and compatible with 304 stainless steel.

Specifications

Pressure Range	Refer to selection-table
Pressure Type	Gauge pressure, Negative gauge pressure
Overload Capacity	Range*150% (<40Mpa)
	Range*120% (>40Mpa)
Acc.	±0.4%FS or ±0.2%FS
Long-term Stability	0.25 %Fs/year
Power	3V (2 AAA batteries)
Sampling Rate	Up to 10,000 points per 3 times/second
Screen Display	4-digit LCD screen
Compensation Temperature	0-60°C
Operation Temperature	-20°C-70°C
Screw	M20*1.5
Connector Material	304SS
Shell Material	304 Stainless Steel
Measure Medium	Gasses and liquids that are non-corrosive and compatible with 304 stainless steel
Electromagnetic Compatibility	Anti-EMI Design, EN61326
Date Retention	EEPROM
Other Functions:	Pressure units switchable
	Zero clearing
	Backlight
	On/off

Dimensions

