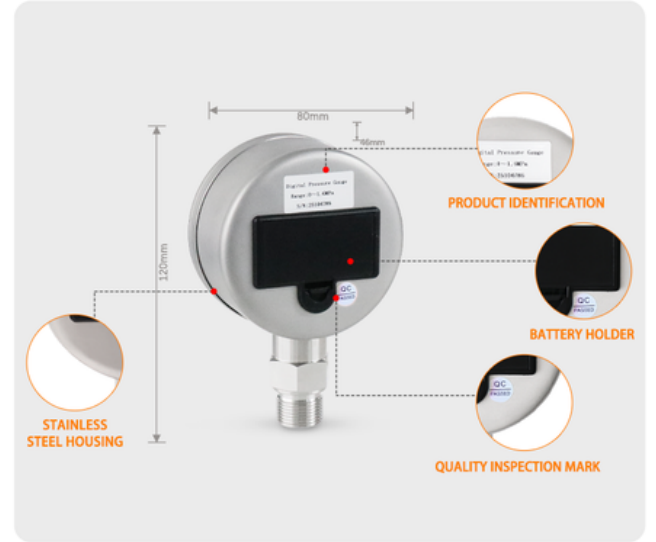


MVDM Digital Pressure Gauge

Instruction Manual

Complete Functions, Operating Easily



- * Change units
- * Zero clearing
- * Turn on the backlight
- * Pressure calibration

Introduction

This gauge is a high-precision and intelligent digital pressure gauge. It has a high-precision sensor and display the pressure accurately in real time, equipped with a large size LCD. It has a various of features, such as zero clearing, backlight, on/off button, units, low voltage alarm. And it is convenient to install and easy to operate.

The surface and connector of the product is 304SS. It can be used to measure gas, liquid, oil and other non-corrosive mediums of stainless steel. It applies to these fields: portable pressure measurement, equipment supporting, equipment calibrations.

Specifications

Range	Refer to model selection guide
Pressure Types	Gage pressure, negative gage pressure
Overload Capacity	< 40MPa 150%; ≥ 40MPa 120%
Acc.	0.4%FS
Long-term Stability	0.2%FS/year
Power	3V(Two tripple A battery)
Battery Life	≥ 12 months
Sampling Frequency	3 Times/sec
Screen	4 Digit LCD
Backlight Color	White
Measurement Medium	Gas, water, oil
Electromagnetic Compatibility	EN61326
Date Retention	EEPROM
Peak Record	Max/Min
Shell	304SS
Connector Material	304SS
Product Functions	Backlight, on/off, unit, pressure calibration

Panel/Buttons



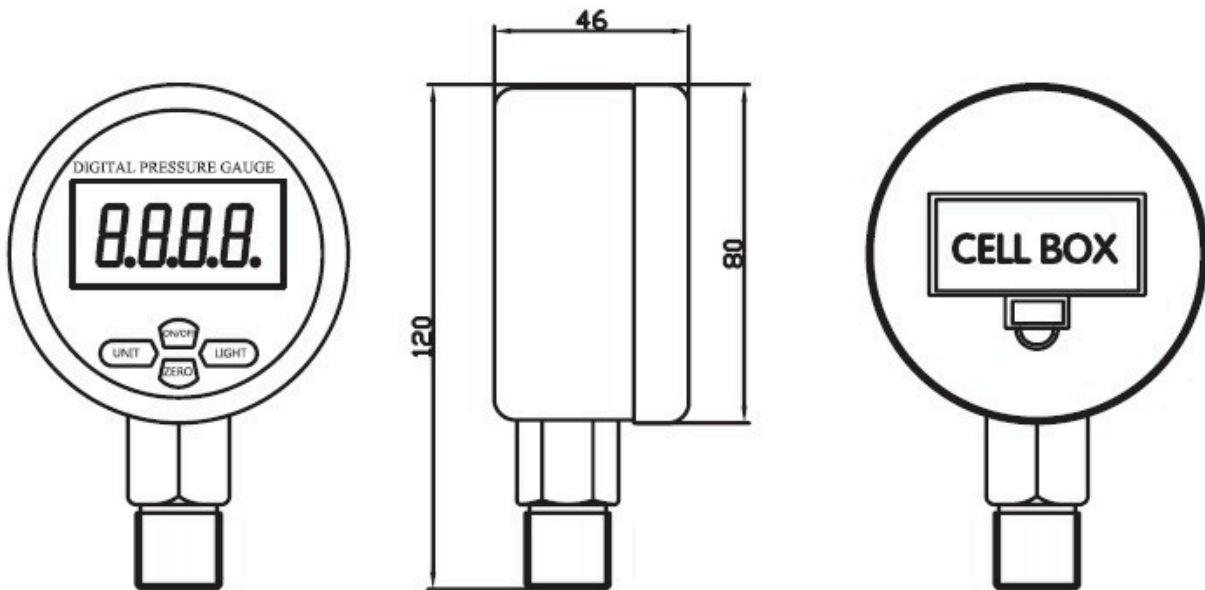
Symbol	Description
	On/off
	Short press to change pressure unit
	Press for 5 seconds to calibrate zero error
	Short press to turn on/of backlight, long press to keep backlight on

LCD



Display	Description
Pa kPa PSI Kg/cm	Bar Mpa Pressure Units
MAX	Pressure Maximum
MIN	Pressure Minimum
	Battery Level
Other Uncharted Code	System Parameters

Dimensions



Unit: mm

Function of peak record

Long press “unit” button for 5 seconds, the screen shows the recording maximum after last zero clearance. Short press “unit” button, the figure changes to the minimum. Then short press “unit” button again, it quits the figure records.

When the screen show the recording maximum or minimum, long press the “ZERO” button for 5 seconds to clear all the records, then it will begin the next recording period.

Failure code

No.	CODE	DESCRIPTION
1	E-E	Sensor destroyed
2	E-H	The current pressure over the range or sensor destroyed
3	E-P	Entry program of pressure calibration. Operational error, please outage to quit.
4	P-C	Entry program of temperature compensator. Operational error, please outage to quit. (remove battery)

- 1.Please check the packaging, appearance, model and specification when you receive the good.**
- 2.This product uses 2 triple A battery to supply power.**
- 3.Please pay attention to the technical specifications and operating conditions when you use the product, such as the temperature of medium, over pressure.**
- 4.This product has a built-in pressure sensor, belonging to precision device. Don' t disassemble the product at your own discretion. Don' t touch the mebrane with hard objects.**
- 5.During installation and disassembly, please use united wrench. Don' t twist the product shell forcibly with your hand to install or disassembly. Otherwise, the damages you caused are outside the scope of warranty.**
- 6.During installation, the product will be influenced by assembly stress. Finishing installation, please reset before you use it.**
- 7.Appearing abnormal phenomenon, if you don' t have the specialized equipment and technology, please contact the after-sales technical staff of the company.**

NOTICE: The damage that caused by non-professional operation which is not according to operation rules is outside the scope of warranty.