

Manometer

User Manual

Introduction

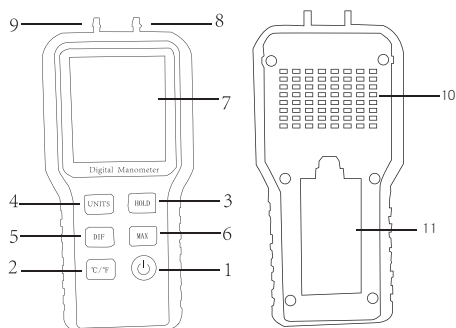
This instrument can measure the air pressure of the single pipe, or differential pressure of two pipes. It is suitable for measuring of ventilation and air conditioning systems, and widely used for gas measurement, calibration, and any trouble shooting of any gas pressure systems.

Features and Specification

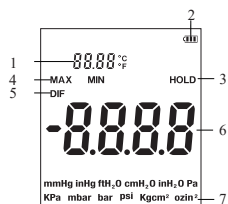
Units	Range	Resolution	Units	Range	Resolution
kPa	±20.68	0.001	inHg	±6.106	0.001
psi	±2.999	0.001	mmHg	±151.1	0.1
kgcm ⁻²	±0.210	0.001	inH ₂ O	±83.02	0.01
ozin ²	±47.99	0.01	ftH ₂ O	±6.918	0.001
bar	±0.206	0.001	cmH ₂ O	±210.8	0.1
mbar	±206.8	0.1	Pa	±9999	1

- Selectable Pressure Range: ±2.999 psi
- Accuracy: ±0.3% FSO (at 25°C)
- Repeatability: ±0.2% (Max ±0.5% FSO)
- Linearity/Hysteresis: ±0.29% FSO
- Response Time: 0.5 Seconds
- Over Range Indicator: Err 0
- Under Range Indicator: Err 1
- Temperature: -40 to 80°C (-40 to 176°F)
- Operating Conditions: 0 to 50°C (32 to 122°F)
- Storage Conditions: -10 to 60°C (14 to 140°F)
- Battery: 9V battery (not included)
- Dimension: 164x70x32mm
- Weight: 200g

Product Description



- Power on/off Button
- °C/°F Button
- HOLD Button
- UNITS Button
- DIF Button
- MAX Button
- LCD Display
- Tube Connector(+)
- Tube Connector(-)
- Hanging Hole
- Battery Cover



- Temperature Display
- Low Power Symbol
- Hold Function
- Max/Min Reading
- Differential Pressure Mode
- Reading display
- Pressure Units

Buttons Operation

1. Power on/off Button

1. Power off status: press this button to turn on the meter.
 Power on status: a. press this button to open/close backlight.
 b. Press this button over 2 seconds to turn off the meter.
 c. Auto-off without operation 15 minutes.

2. °C/°F Button

- Power on status: 1. press this button to store data (100 data).
 2. press this button over 2 seconds to exit store data.

3. HOLD Button

- Power on status: 1. press this button to hold reading display and another operation
 2. press this button over 2 seconds to **make reading zero**.

4. UNITS Button

- Power on status: 1. press this button to switch pressure unit.
 2. press this button over 2 seconds to clear the stored data.

5. DIF Button

- Power on status: 1. press this button to look up stored data.
 2. press this button over 2 seconds first time to exit data
 3. press this button over 2 seconds twice to enter DIF measuring mode

6. MAX Button

- Power on status: 1. press this button to look down stored data
 2. press this button to enter max/min measuring mode.

Over Range

- When the input pressure above the max range, the contents Err 0 will appear on the display.
- When the input pressure under the min range, the contents Err 1 will appear on the display.

Battery Replacement.

When the low power symbol appears on display, it needs to replace the new 9V battery.