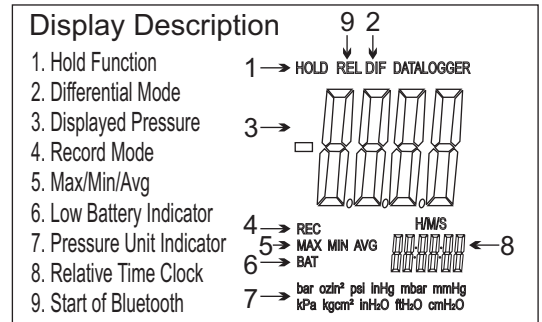
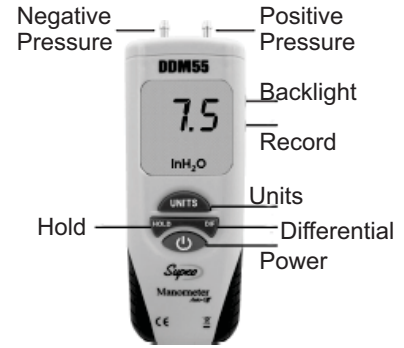


DDM55 - Digital Manometer

Specifications:

Function	Range	Resolution	Function	Range	Resolution
inH ₂ O	±55.40	0.01	Ozin ²	±32.00	0.01
psi	±2.000	0.001	ftH ₂ O	±4.612	0.001
mbar	±137.8	0.1	cmH ₂ O	±140.6	0.1
kPa	±13.79	0.01	Kgcm ²	±0.140	0.001
inHg	±4.072	0.001	Bar	±0.137	0.001
mmHg	±103.4	0.1			

Display	Dual LCD
Accuracy	±0.3% Full Scale (25°C)
Repeatability	±0.2% (Max ±0.5% Full Scale)
Linearity /Hysteresis	±0.29% Full Scale
Maximum Pressure	10 psi
Response Time	0.5 Seconds Typical
Low Battery Indicator	Yes
Over Range Indicator	Err.1
Under Range Indicator	Err.2
Operating Conditions	32°F to 122°F (0 to 50°C)
Storage Conditions	14°F to 140°F (-10 to 60°C)
Power Supply	(1) 9V battery included / External 9VDC
Standard Accessories	Pouch and Tubing
Limited Max Pressure	75 Kpa
Pressure Connection	Quick Coupling 1/8" (3.18mm)
Weight	178 g
Dimensions	170 x 54.3 x 34 mm



Operation Instructions

1. Power - Press the ON/OFF button to turn power on or off. The meter will perform a short self-test when turned on. The meter defaults to the unit settings used during the last operation.

2. Zero Adjust and Offset - Before attaching the fittings to the meter, press the **HOLD** button for 5 seconds to zero the meter. The meter will reset and display "0.000" (pressure).

3. Back-Light Display - Press the **BACK-LIGHT** button to turn on. The Back-Light will remain on for 40 seconds.

4. Units - Press the **UNITS** button to cycle thru the 11 available units of measure as indicated by the cursor on the display.

5. Data Hold - Press the **HOLD** button momentarily to freeze the displayed reading. The **HOLD** icon will appear on the top of the display. Press the **HOLD** again to return to normal operation.

6. Automatic Power OFF - The meter will automatically shut off after 20 minutes to conserve battery life. To disable Auto Power OFF, hold down the **HOLD** button and turn on the meter. An "n" will appear in the display indicating that Auto Power OFF mode is disabled. The meter will return to normal operation when it is turned off.

7. Error Codes - An error message will appear on the display if the meter fails an internal diagnostic test.

Err.1: Pressure value is over the range.

Err.2: Pressure value is below the range.

Err.3: **DIF** function, Differential pressure is over the range.

Err.4: **DIF** function, Differential pressure is under the range.

8. Record - The MAX/MIN mode allows the user to view only the highest (**MAX**), lowest (**MIN**) or average (**AVG**) readings with a relative time stamp.

1. Press the **REC** button once **REC** appears on the display.

All other functions are locked out except for Power and back-light. The relative time clock also appears in the secondary display and starts counting.

2. Press the **REC** button again and **MAX** appears on the display. The display is now showing the maximum pressure and relative time it was recorded.

3. Press the **REC** button to display the minimum **MIN** reading with the relative time.

4. Press the **REC** button again to display the average **AVG** reading with the relative time.

5. Press the **REC** button again to continue recording **MIN/MAX/AVG** measurements.

6. To exit and return to normal mode from the MIN/MAX/AVG mode, press the **REC** button for 3 seconds.

9. Battery Replacement - When the battery power falls low, "BAT" will appear on the LCD. Replace with 9V battery.

10. Bluetooth Functions - Bluetooth is off by default.

Download and install "mano-meter" App on your phone to use the bluetooth functions.

To connect bluetooth, press the **DIF** button until the display reads **REL**. Open the mano-meter App and follow instructions. Once you are connected, you can show measured readings, battery capacity of gauge, and switch measurement units at anytime. You can also save measurement data to your phone and share with others.

