



NEW

# MP 50/51

## Portable Handheld Manometer

- Easy To Use
- HOLD Function
- 20 Minute Auto Shut-Off
- Pressure
- Temperature & Humidity
- Built-In Probe
- 2-Line Display
- Adjustment Certificate



Parameter	MP50	MP51
Measuring Units	Pa, mmH <sub>2</sub> O, inWg, daPa++	mmH <sub>2</sub> O, kPa, inWg, mmHg, daPa
Measuring Range	-10 mbar to 10 mbar / -1000 to 1000 Pa	-39 inH <sub>2</sub> O to 39 inH <sub>2</sub> O -1000 to 1000 mmH <sub>2</sub> O
Accuracy*	±0.5 of reading ±0.02 mbar ±0.5 of reading ±2 Pa	±0.5 of reading ±0.07 inH <sub>2</sub> O ±0.5 of reading ±2 mmH <sub>2</sub> O
Resolution	0.01 mbar / 1 Pa	-7.8 to 7.8 inH <sub>2</sub> O : 0.0003 inH <sub>2</sub> O Beyond: 0.03 inH <sub>2</sub> O -200 to 200 mmH <sub>2</sub> O : 0.1 mmH <sub>2</sub> O Beyond: 1 mmH <sub>2</sub> O
Response Time	T63 = 0.3 s	
Conditions of Use	32°F to 122°F / 0°C to 50 °C In Non-Condensing Conditions 0 to 6550 ft / 0 to 2000 m	
Storage Temperature	-4°F to 176°F -20°C to 80 °C	
Measuring Element	Piezoresistive Sensor	
Power Supply	4 AAA Batteries LR03 1.5 V	
Battery Life	180 Hrs	
European Directives	2014/30/EU EMC ; 2014/35/EU Low Voltage ; 2011/65/EU RoHS II ; 2012/19/EU WEEE	

**Material:** ABS

**Protection:** IP54

**Display:** 2 Lines

**Size:** 2.8 x 1.3 x 6.1 in

**Weight:** 7 oz

(w/ batteries)

\*All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation