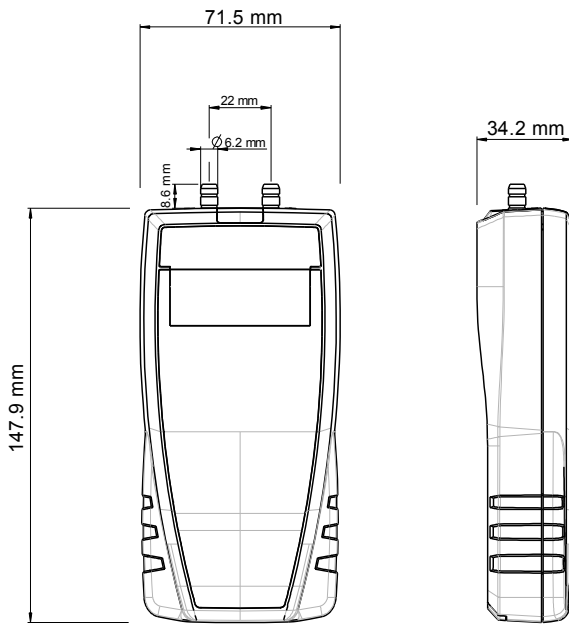


## Manometer MP 50 – MP 51

### KEY POINTS

- Easy to use
- HOLD function
- Auto shut-off : 20 minutes
- Manual autozero

### FEATURES OF THE HOUSING



**Material :** ABS

**Protection :** IP54

**Display :** 1 line  
LCD 1 x 5 digits  
Size : 50 x 20 mm

**Height of digits :**  
Values : 9.2 mm  
Units : 4.7 mm

**Weight :** 200 g (with batteries)



### TECHNICAL FEATURES

Parameter	MP50	MP51
<b>Measuring units</b>	Pa, mmH <sub>2</sub> O, inWg, daPa	mmH <sub>2</sub> O, kPa, inWg, mbar, mmHg, daPa
<b>Measuring range</b>	From -1000 to +1000 Pa	From -1000 to +1000 mmH <sub>2</sub> O
<b>Accuracy*</b>	±0.5% of reading ±2 Pa	±0.5% of reading ±2 mmH <sub>2</sub> O
<b>Resolution</b>	1 Pa	From -200 to +200 mmH <sub>2</sub> O : 0.1 mmH <sub>2</sub> O Beyond : 1 mmH <sub>2</sub> O
<b>Response time</b>	T63 = 0.3 s	
<b>Operating temperature</b>	From 0 to +50 °C	
<b>Storage temperature</b>	From -20 to +80 °C	
<b>Measuring element</b>	Piezoresistive sensor	
<b>Power supply</b>	4 batteries AAA LR03 1.5 V	
<b>Battery life</b>	180 hours	
<b>Conformity</b>	Directives CEM 2004/108/CE and NF EN 61010-1	

## SUPPLIED WITH

Instruments are supplied with an adjustment certificate, a soft case and 2 x 1 m of silicone tube.



## ACCESSORIES

- Adjustment certificate
- Soft case
- Magnetic protective housing



## MAINTENANCE

We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements. As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

## GUARANTEE

Instruments have 1-year guarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

## USE OF THE INSTRUMENT

### Take a measurement

- Switch on the instrument by pressing on « **On/Off/Hold** ».  
*The instrument displays its name « MP50 » or « MP51 », then an autozero is performed. At the end of the autozero, the measured value displays.*
- Press briefly and successively on « **Select** » to change the unit.  
*Available units for MP50 are: Pa, mmH2 O, inWg, daPa.*  
*Available units for MP52 are: mmH2 O, kPa, in Wg, mbar, mmHg, daPa.*

### Make a manual autozero

*During measurement:*

- Remove pressure tubes.
- Pressing longer on « **Select** ».  
*Instrument make an autozero then returns to the measurement display.*

### Hold the measurement

*During measurement:*

- Press briefly on « **On/Off/Hold** » to hold measurement.
- « **Hold** » appears on the screen and the measurement is fixed.
- Press again briefly on « **On/Off/Hold** » to exit the Hold function.

### How to change batteries

- Remove the front part at the back of the instrument.
- Replace used batteries by new batteries AAA LR03 1.5 V.
- Replace the front.

« Selection » key

« On/Off/Hold » key



Auto shut-off : the instrument switches off if not used during 20 minutes.



Once returned to KIMO, required waste collection will be assured in the respect of the environment in accordance to 2002/96/CE guidelines relating to WEEE.

[www.kimo.fr](http://www.kimo.fr)



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