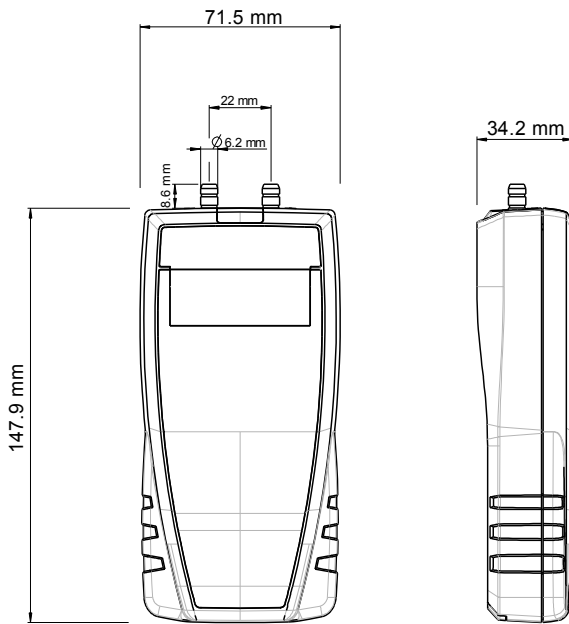


Manometer MP 50 – MP 51

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
Measuring units	Pa, mmH ₂ O, inWg, daPa	mmH ₂ O, kPa, inWg, mbar, mmHg, daPa
Measuring range	From -1000 to +1000 Pa	From -1000 to +1000 mmH ₂ O
Accuracy*	±0.5% of reading ±2 Pa	±0.5% of reading ±2 mmH ₂ O
Resolution	1 Pa	From -200 to +200 mmH ₂ O : 0.1 mmH ₂ O Beyond : 1 mmH ₂ O
Response time	T63 = 0.3 s	
Operating temperature	From 0 to +50 °C	
Storage temperature	From -20 to +80 °C	
Measuring element	Piezoresistive sensor	
Power supply	4 batteries AAA LR03 1.5 V	
Battery life	180 hours	
Conformity	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.



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.

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