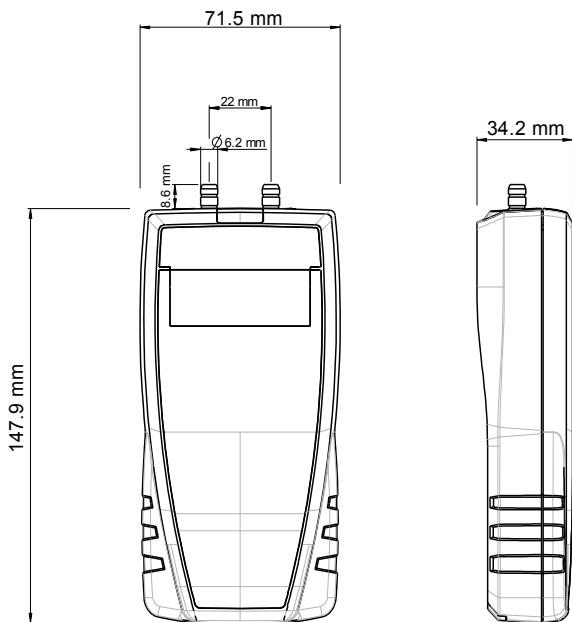


Manometer MP 50 – MP 51

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	

* 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

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.