

Atmospheric pressure MP 55

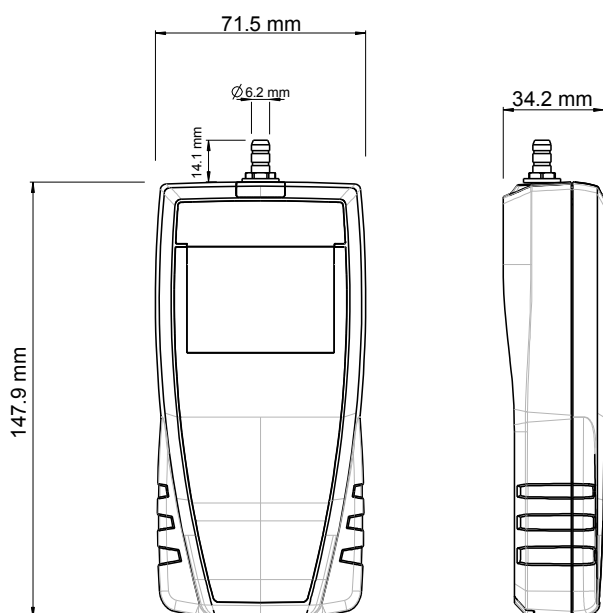
KEY POINTS

- Easy to use
- HOLD function
- Built-in probe
- Autozero : 20 minutes



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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)



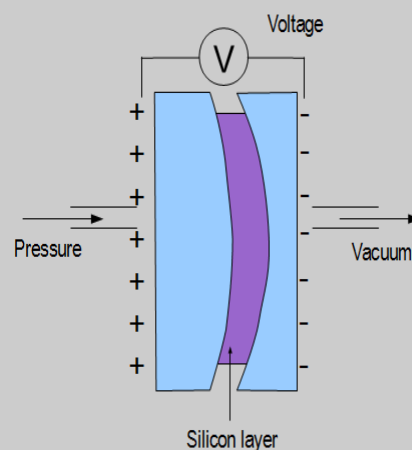
TECHNICAL FEATURES

Parameter	MP55
Measuring units	mbar, mmHg, hPa
Measuring range	From 700 to 1100 mbar
Accuracy*	±2 mbar
Resolution	0.1 mbar / 0.1 mmHg / 0.1 hPa
Response time	T63 < 10 s
Connector	Barbed connectors, Ø6.2 mm made of nickelled brass
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

OPERATING PRINCIPLES

Piezoresistive sensor

The pressure deforms the silicon layer. This layer deformation generates a voltage at its terminations. This voltage is proportional to the pressure which is applied.



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 « MP55 », then an autozero is carried out. At the end of the autozero, the measured value displays.
- Press briefly and successively on « **Select** » to change the unit.
Available units for MP55 are: mbar, mmHg et hPa.

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.

www.kimo.fr



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