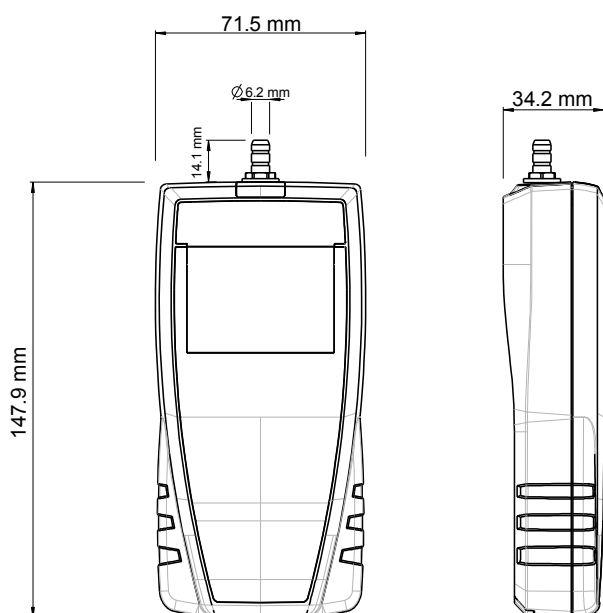


## Atmospheric pressure MP 55

### KEY POINTS

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

### 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)



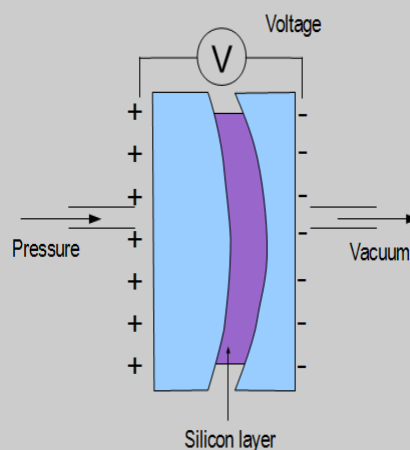
### TECHNICAL FEATURES

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

### 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.



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## SUPPLIED WITH

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



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## ACCESSORIES

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- Adjustment certificate
- Soft case
- Magnetic protective housing



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## MAINTENANCE

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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.

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## GUARANTEE

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

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## USE OF THE INSTRUMENT

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

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