



DATA SHEET

MP 55

Atmospheric pressure



Easy to use



Hold function



Auto shut-off: 20 minutes

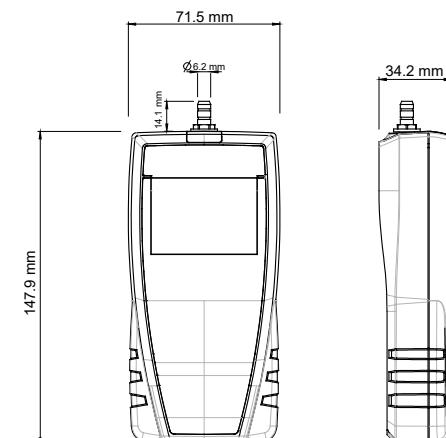
Features of housing

| | |
|------------------|--|
| Material | ABS |
| Protection | IP54 |
| Display | 2 lines, LCD technology, 50 x 36 mm. 1 line of 5 digits with 7 segments (value) 1 line of 5 digits with 16 segments (unit) |
| Height of digits | Values: 9.2 mm. Units: 4.7 mm |
| Weight | 200 g (with batteries) |

Technical specifications

| | |
|---------------------------------|--|
| Measuring units | mbar, mmHg, hPa |
| Measuring range | From 700 to 1100 mbar |
| Accuracy ⁽¹⁾ | ±2 mbar |
| Resolution | 0.1 mbar / 0.1 mmHg / 0.1 hPa |
| Response time | T ₆₃ < 10 s |
| Measuring element | Piezoresistive sensor |
| Connections | Barbed connectors, Ø 6.2 mm made of nickelated brass |
| Conditions of use (°C/%RH/m) | From 0 to +50 °C. In non-condensing conditions. From 0 to 2000 m. |
| Storage temperature | From -20 to +80 °C |
| Power supply | 4 batteries AAA LR03 1.5 V |
| Battery life | 180 hours |

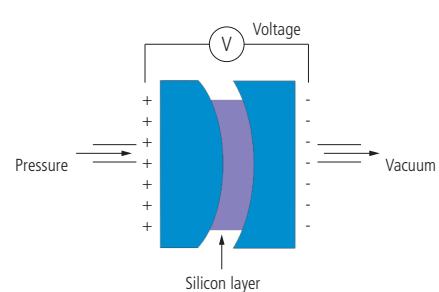
European directives
2014/30/EU EMC; 2014/35/EU Low Voltage;
2011/65/EU RoHS II; 2012/19/EU WEEE



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.



Kit content

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



Accessories

| Reference | Description | |
|-----------|-----------------------------|---|
| - | Calibration certificate | |
| MT 51 | Soft case |  |
| CQ 15 | Magnetic protective housing |  |



Only the accessories supplied with the device must be used.

Warranty

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

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.

Precautions for use:

Please always use the device in accordance with its intended use and within parameters described in the technical features in order not to compromise the protection ensured by the device.