



DATA SHEET

Supplied with
ADJUSTMENT
certificate



MP 130



Impermeability special Manometer for gas network



Easy to use



Selection of units



Hold-min-max functions



Adjustable backlight

Features

- Pressure measurement
- Selection of units
- Manual self-calibration
- Display of minimum and maximum values
- Configurable auto shut-off

Technical specifications

Parameter	Accuracy ⁽¹⁾	Measuring range	Resolution
Pressure	From -20 to 20 mbar: ±0.4% of reading ±0.3 mbar	From -500 to +500 mbar	From -20 to 20 mbar: 0.01 mbar
	From -500 to -20 mbar and from 20 to 500 mbar: ±0.1% of reading ±0.6 mbar		From -500 to -20 mbar and from 20 to 500 mbar: 0.1 mbar

*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.

General features

Measuring units	kPa, inWg, mbar, mmHg, daPa
Measuring range	Piezoresistive sensor
Tolerated overpressure	700 mbar
Connector	Ø 4.6 mm threaded connectors made of nicked brass
Display	4 lines, LCD technology. Dimensions 50 x 36 mm. 2 lines of 5 digits with 7 segments (value) 2 lines of 5 digits with 16 segments (unit)
Housing	ABS, protection IP54
Keypad	5 keys
European directives	2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE
Power supply	4 batteries AAA LR03 1.5 V
Battery life	180 hours
Ambience	Neutral gas
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
Auto shut-off	Adjustable from 0 to 120 min
Weight	220 g

Operating principle

Piezoresistive sensor

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

Maintenance

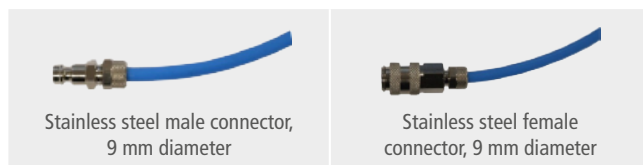
We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements. As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

Warranty

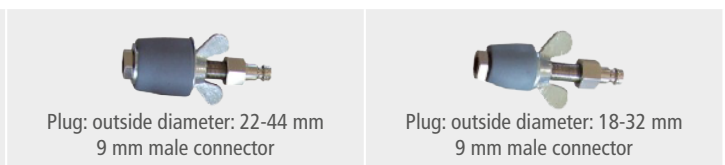
Instruments have 1-year guarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

Seal kit includes

Connectors



Plugs



Tap with 2 valves and 3 channels



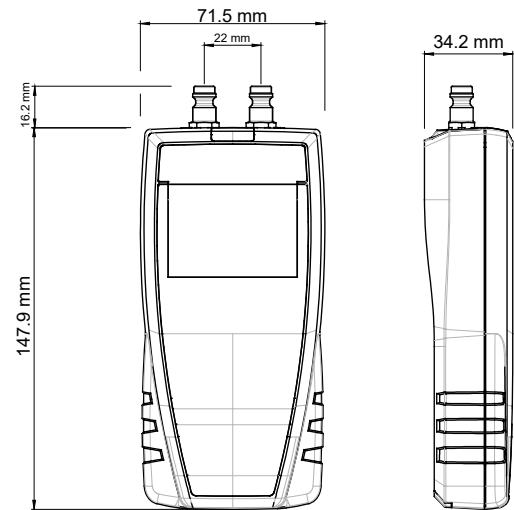
Pressurization pump



Connections



Dimensions (in mm)



Kit content

- Magnetic protective housing
- Adjustment certificate
- Seal kit
- Transport case

