KIMO INSTRUMENTS

Technical Data Sheet

Pressure / Temperature / Humidity / Air Velocity / Airflow / Sound level

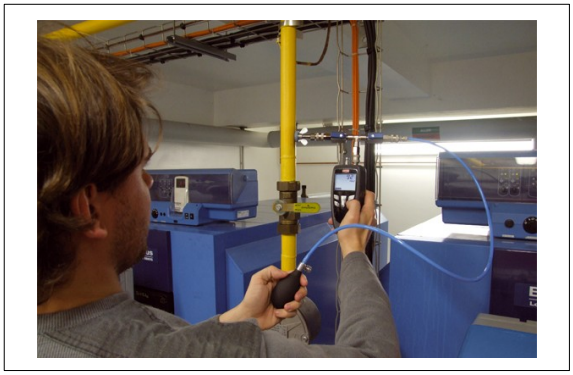
Manometer for gas network sealing

MP 130

Supplied with Adjusting certificate

Nouveau

CE



Functions

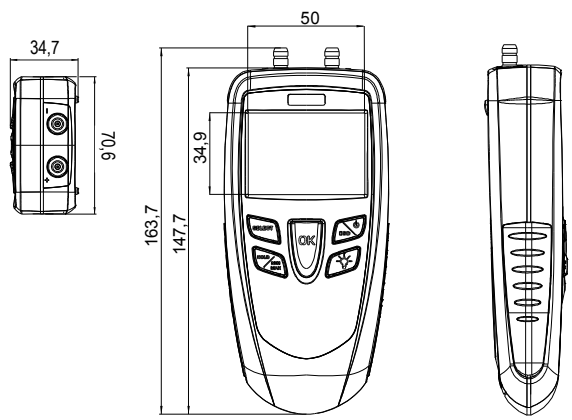
- Pressure
- Selection of units
- Self-calibration
- Display of minimum and maximum value
- HOLD function
- Adjustable automatic shut-off
- Adjustable backlight

Technical features

Measuring element.....piezoresistif sensor
Overpressure allowed.....700 mbar
Pressure connector.....Ø 4,6 mm threaded connectors made of nickelled brass
Display.....4 lines, LCD technology. Size 50 x 34,9 mm.
2 lines of 5 digits with 7 segments (value)
2 lines of 5 digits with 16 segments (unit)
Housing.....Shock-proof made of ABS
IP54 protection
Keypad.....Metal coated with 5 keys
Conformity.....Electromagnetical compatibility (NF EN 61326-1 guideline)
Power supply.....1 alkaline battery 9V 6LR6
Operating temperature.....from 0 to 50°C
Storage temperature.....from -20 to 80°C
Auto shut-of.....adjustable from0 to 120 min
Weight.....190 g
Languages.....French, English

Dimensions (mm)

- Top view
- Front view
- Side view



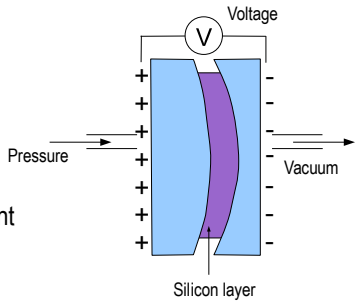
Specifications

	Measurement units	Measuring range	Accuracy*	Resolutions
PRESSURE				
MP 130	kPa, inWg, mbar, mmHg, daPa	from 0 to ±200 mbar	From 0 to 20 mbar : ±0,4% of full scale ±0,01mbar From 20 to 200 mbar : ±0,3% of full scale ±0,1mbar	From 0 to 20 mbar : 0,01 mbar From 20 to 200 mbar : 0,1 mbar

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with required compensation.

Working principle

Piezoresistif sensor
Piezoresistif sensor is a diaphragm formed on a silicon substrate, which bends with applied pressure and generate millivoltage or millicurrent proportional to the pressure applied.



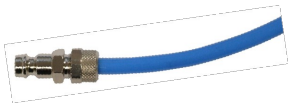
Supplied with ...

● Included ○ Optional

DESCRIPTION	MP 130 S
Pressure sensor from 0 to ±200 mbar	●
Sealing kit	●
Adjusting certificate	●
Transport case	●
Calibration certificate	○

Sealing kit includes :

Connectors



Stainless steel male connector, 9 mm diameter

Stainless steel female connector, 9 mm diameter

Plugs

Plug : outside diameter : 22-44 mm
9 mm male connector

Plug : outside diameter : 18-32 mm
9 mm male connector

Tap with 2 valves and 3 channels

Pressurization pump

Rubber pump

Accessories

CE 100

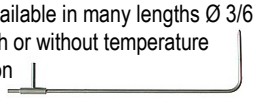
Protective cover with magnet and holding system

J.T.C or J.Y.C

Straight connections, in T or Y for tube Ø 5x8mm

See related datasheet

Pitot tube available in many lengths Ø 3/6 or 8 mm, with or without temperature compensation



Warranty period

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

www.kimo.fr

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