



sauermann MP 210 Temperature Measuring Instrument User Guide

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Temperature Measuring Instrument User Guide



MP 210 Quick Start Guide

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MP 210 Temperature Measuring Instrument



The MP 210 micromanometer measures pressure, air velocity, airflow, temperature, tachometry, gas leak and carbon monoxide (up to 6 simultaneous measurements).

Operating temperature, protection of the instruments and information about storage and the battery

- Operating temperature: 0 to 50 °C (+32 to +122 °F)
- IP 54
- Storage temperature: -20 to 80 °C (-4 °F to 176 °F)

If the instrument is stored outside the operating temperature (for example in a van, a warehouse,...) please wait for 10 minutes in its operating temperature before starting and using it.

Rechargeable Li-ion battery inside the instrument, 16 h battery-life with a pressure module or 14 h a hotwire probe. The instrument is supplied with a 5 V, 1 A power adapter to load the internal battery. The current loading is indicated by a battery symbol on the top left of the screen. The orange led on the bottom of the instrument is also on until the full loading of the battery (the led turns green).

Directive 2014/53/EU

Hereby, Sauermann Industrie SAS declares that the radio equipment type AMI 310 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.sauermanngroup.com

Device description



1. Battery level
2. Date and time
3. Home screen
4. Measurement menu
5. Dataset menu
6. Configuration menu
7. Information menu
8. Function keys
9. OK button
10. Navigation arrows
11. ESC button
12. On/Off button

Connections



- 1. Module
- 2. Location to remove the module
- 3. Battery
- 4. Probe handle

- 1. Mini-DIN C2 connection
- 2. Mini-DIN C1 connection



- 1. USB connection + power supply
- 2. Light indicator for battery charging

Set language



→ OK →



→

Press Up and Down
arrows to select the
required language:
FRA, ENG

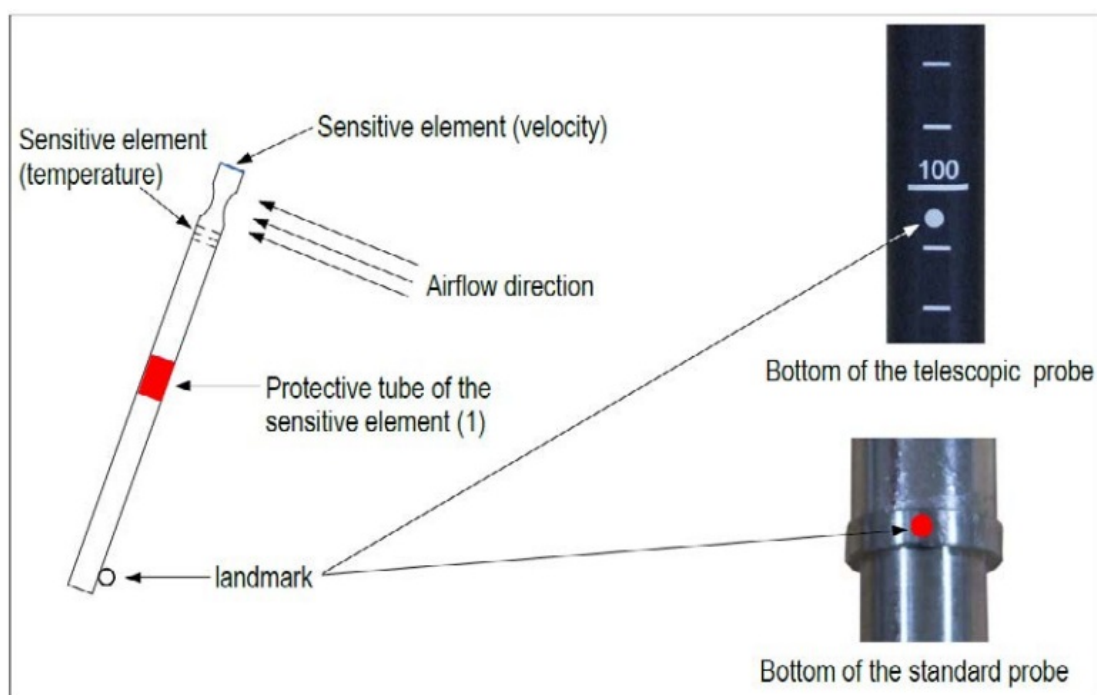
→ OK

Use of the probes

Connect a probe

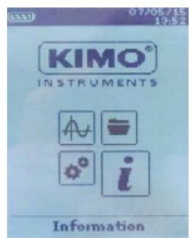
Connect the mini-DIN cable on the mini-DIN connection of the probe. Connect the mini-DIN cable with the probe on the instrument. A beep indicates that the operation has been correctly performed.

Special precautions for air velocity probes



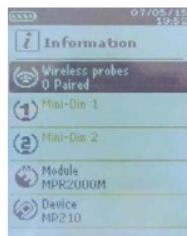
Before any use of the device with an air velocity probe, please lower the protective tube (1) of the sensitive element (except vane probe). Always use the standard air velocity probe with the red point in front of the flow. Always use the telescopic probe with the white point in front of the flow.

Add a wireless probe



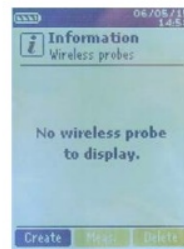
With arrow keys, go to **"Information"** menu

→ OK →



In **"Information"** menu go to **"Wireless probe"**

→ OK →



On the bottom of the screen press the function key **"Create"**



Turn on the wireless probe and keep it press until the light blinks



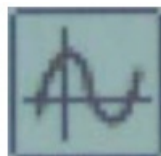
Pairing is in progress



The probe information is displayed with the function key **"Meas."** It is possible to back to the measurement screen. It is also possible to delete the wireless probe pressing the function key **"Delete"**.

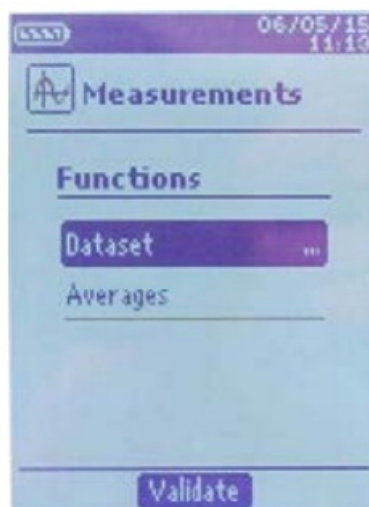
Start and record datasets

The instrument is on.



Select with arrows keys **"Measurement"** menu. Press OK.

Select with arrows keys the measurement in which the dataset will be performed.



Press **"Functions"** key then select **"Dataset"** with arrow keys and press OK.

Dataset menu is displayed.

Go to line **"Name"** with arrow keys and press OK.

A keypad is displayed on the bottom of the screen.
Select the letters with arrow keys then press OK.

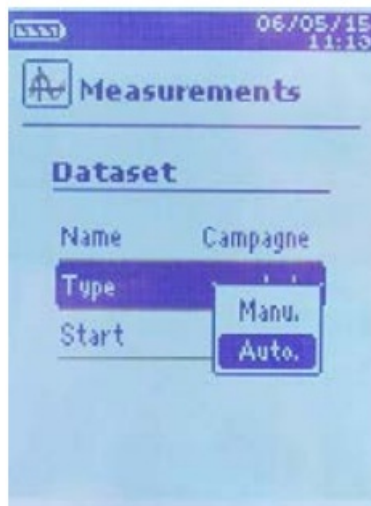


To go from the lower case keypad to the upper case keypad then to the numeric keypad, press the function key:

aA1

To delete a letter press the function key "Delete".

Press the function "Validate" to validate the name of the dataset.
A dataset is composed of several dated measuring points.
You can choose between an automatic dataset or a manual dataset.
Go to "Type" with arrow keys then press OK.
Select "Manu." for manual or "Auto." for automatic.
Go to "Start" then press OK.



View the recorded datasets

Go to the "Dataset" menu with the arrow keys from the home screen.
The different measuring datasets are displayed. They are listed by date.
To delete all the datasets: press the function key "Del all".
To delete just one dataset: go to the dataset to delete with the arrow keys and press the function key "Delete".
A confirmation window opens: select YES to confirm the deletion or NO to cancel.



Launch averages

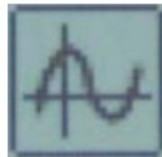
The instrument is on.

Go to "Measurement" with the arrow keys.

Press OK.

Press the function key "Functions" then select "Averages" then press OK.

"Average" menu is displayed.



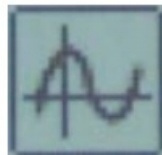
Hold-Min./Max.

Go to "Measurement" menu with the arrow keys and press OK.

Measurements are displayed.

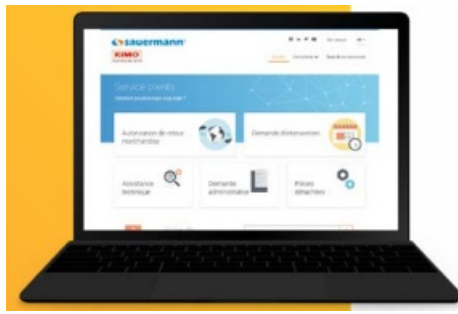
Press OK.

Measurements are frozen on the screen and the minimum and maximum values are displayed.



<https://sauermanngroup.com/en-INT/technical-documents?search=MP+210>

Customer service portal
Use our Customer service portal to contact us




<http://kimo-en.custhelp.com>

Sauermann Industries
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Documents / Resources

	<p>sauermann MP 210 Temperature Measuring Instrument [pdf] User Guide MP 210, Temperature Measuring Instrument, Measuring Instrument, Temperature Instrument, Instrument, MP 210 Measuring Instrument, Temperature Measuring</p>
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References

- [Services - Homepage](#)
- [Manufacturer of Condensate Pumps and Measuring Instruments | Sauermann group](#)