

Manometers

MP 100 - 101 – 105– 112 MP 120



"Select" key

See table

"Functions available from main screen"

"Function" key

1x : "Hold" : measure holding

2x : "Min/Max" : display of minimum and maximum values from **channel 1** since last request.

3x : "Min/Max" : display of minimum and maximum values from **channel 2** since last request.

4x : **Back** to held measure.

"On / off" key

ON : Switch-on

OFF : Switch-off

Escape : Return to previous screen

"Backlight" key

1x  Level 1

2x  Level 2

3x  No backlight

"OK" key

1x "To validate"
or "Self-calibration" see P2.

Functions available from main screen

Self-calibration 1x (OK) → Start self-calibration countdown*

Select pressure units 1x (Select) → (OK) → Press (Select) to scroll down units ⇨ Validate with (OK)

Automatic shut-off 2x (Select) → (OK) → Press (Select) to scroll down minutes ⇨ Validate with (OK)

Beep 3x (Select) → (OK) → Press (Select) to activate or deactivate ⇨ Validate with (OK)

Functions available from main screen (only for MP120 instrument)

Self-calibration 1x (OK) → Start of self-calibration countdown*

Velocity activation 1x (Select) → (OK) → Press (Select) to activate or deactivate ⇨ Validate with (OK)

Select air velocity unit 2x (Select) → (OK) → Press (Select) to scroll down units ⇨ Validate with (OK)

Select pressure unit 3x (Select) → (OK) → Press (Select) to scroll down units ⇨ Validate with (OK)

Automatic shut-off 4x (Select) → (OK) → Press (Select) to scroll down units ⇨ Validate with (OK)

Beep 5x (Select) → (OK) → Press (Select) to activate or deactivate ⇨ Validate with (OK)

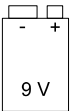
Ambient Temp. 6x (Select) → (OK) → Enter value with (Select) ⇨ Validate with (OK)

Atmospheric Pressure 7x (Select) → (OK) → Enter value with (Select) ⇨ Validate with (OK)

*self-calibration is performed by disconnecting the two pressure inlets of the sensor, then by pressing **AutoZ** key.

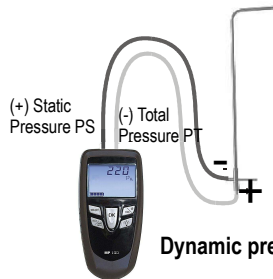
How to change battery

1. Remove the front part at the back of the instrument.
2. Remove old battery.
3. Insert the new battery in accordance with proper polarity drew inside the housing.
4. Replace the front.



Using Pitot tube

1. Connect the Pitot tube to MP120 instrument.
2. The probe must be placed at the center of the duct and parallel to the air flow.
3. Press (Select) then (OK) to activate velocity.



$$\text{Dynamic pressure} = PT - PS$$

