

DIFFERENTIAL PRESSURE - PRESSURE CALIBRATORS

KIMO Digital Micromanometers

Series MP50 and MP51

- HOLD function
- Auto shut-off : 20 minutes
- Manual Autozero

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



Code	Range	Accuracy	Resolution	Units
MP50	±1000 Pa (4 inH ₂ O)	±0.5 v.m. ± 2 Pa	1 Pa	Pa, mmH ₂ O, inWg, daPa
MP51	±1000 mmH ₂ O (40 inH ₂ O)	±0.5 v.m. ± 2 mmH ₂ O 0.1 mmH ₂ O Over: 1 mmH ₂ O	From -200 to +200 mmH ₂ O mmHg, daPa	mmH ₂ O, kPa inWg, mbar, mmHg, daPa

KIMO Digital Micromanometers

MP110 Series

- Backlit display
- HOLD function
- 2 line display with max/min readings
- Configurable Auto shut-off, 0 to 20 minutes
- Manual Autozero

Instruments are supplied with a calibration certificate, *
Transport case (ST 110)
Stainless steel tip
tube Ø 6 x 100 mm,
and two 1 m silicon tubing Ø 4 x 7 mm



Code	Range	Accuracy	Resolution	Units
MP110	±1000 Pa	±0.5% v.m.	1 Pa	Pa, mmH ₂ O
MP110S	(4 inH ₂ O)	± 2 Pa		inWg, daPa
MP111	±1000 mmH ₂ O	±0.5% v.m.	From 0 to	mmH ₂ O, kPa,
MP111S	(40 inH ₂ O)	± 2 mmH ₂ O	±200 mmH ₂ O 0.1 mmH ₂ O Beyond: 1 mmH ₂ O	inWG, mbar, mmHg, daPa
MP115	±500 mbar	±0.5% v.m. ±	0.1 mbar	kPa, inWG, mbar,
MP115S	(200 inH ₂ O)	0.5 mbar		mmHg, PSI
MP112	±2000 mbar	±0.5% v.m	1 mbar	kPa, inWG, mbar,
MP112S	(800 inH ₂ O)	± 2 mbar		mmHg, PSI, bar

* (except Class MP110S),

Calibration Laboratory
ISO 17025
(In pressure and temperature)



Pressure
Temperature
Humidity
Air Velocity
Electricity
Dimensional

Also available: on-site service

Micro-manomètre avec mesure de la vitesse d'air

Modèle MP120

- Backlit display
- HOLD function
- 2 line display with max/min readings
- Configurable Auto shut-off, 0 to 20 minutes
- Manual Autozero

supplied with a Calibration certificate, (MP120)
or Adjusting certificate without data (MP120S)
two 1 m silicon tubing Ø 4 x 7 mm,
Stainless steel tip tube Ø 6 x 100 mm,
Transport case (ref : ST 110)



Code	Range	Accuracy	Resolution	Units
MP120	±1000 Pa	±0.5% v.m. ± 2 Pa	1 Pa,	Pa, mmH ₂ O,
MP120S	(4 inH ₂ O)	2 to 5 m/s : ±0.7 m/s 5 to 40 m/s (400 to 7875 fpm)	0.1 m/s, 1 fpm	inWg, daPa,

KIMO Thermo-anemo-manometer

MP210

- Measurement of pressure, air velocity and airflow
- Interchangeable modules
- 2 inputs for Pt100 temperature
- Up to 6 measurements simultaneously
- Memory capacity up to 1000 dataset of 20 000 points
- Can be used with hot wire or vane anemometer probes

PRESSURE

- Automatic autozero with solenoid valve (MP210 P)
- Manual autozero (MP210 M, G, H and HP)
- Pressure integration (0 to 9)
- Point/point average, Automatic point/point average, Automatic average

AIR VELOCITY AND FLOW

- Large choice of Pitot tube or Debimo blades or factor for other sensing element
- Selection of section
- Selection of units
- Manual or automatic temperature compensation
- Manual atmospheric pressure compensation
- K factor, K2 factor



The instruments are supplied in a transport case with a calibration certificate, a charger and a USB cable.

CODE	Range	Accuracy
MP 210 P	±500 Pa (±2 inH ₂ O)	From -100 to +100 Pa: ±0.2% of reading ±0.8 Pa Beyond: ±0.2% of reading ± 1.5 P
MP 210 M	±2500 Pa (±10 inH ₂ O)	±0.2% of reading ± 2 Pa
MP 210 G	±10000 Pa (±40 inH ₂ O)	±±0.2% of reading ± 10 Pa
MP 210 H	±500 mBar (±200 inH ₂ O)	±0.2% of reading ± 0.5 mBar
MP 210 HP	±2000 mBbar (±800 inH ₂ O)	±0.2% of reading ± 2 mBar

Options et accessoires

- M4TC** 4 T/C channels module
- SCO-110** CO/temperature probe
- SFG 300** Gas leak probe
- STA** Tachometer contact and non contact probe
- SAD** Backpack
- LPC-2014** Datalogger software
- Pitot tubes (see page 11)
- Hotwire probe (see page 17, 18, 19)
(also available in telescopic model)
- Vane probes (see page 17, 18, 19)
Also available in telescopic model and in wireless model
- Large choice of temperature probes (see related datasheet) :
ambient / contact / penetration / immersion...