eurotron
"Excellence in measurements"

Mini PRO MK2

Professional Line
of Environmental Meters

PORTABLE CALIBRATORS

- Reliable and Accurate
- Easy to Use
- Display of 2 Parameters Simultaneously
- Protective Rubber Boot
- Hold Function
- Min & Max Values
- Selectable Units
- Differential Pressure
- Two-channel Thermometer
- Relative Humidity
- Air Velocity and Airflow
- Contact and Optic Tacometer

ISO 9001
Certified Quality System
Eurotron Instruments

CE

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Mini PRO MK2
Professional Line
of Environmental Meters

General

Mini PRO MK2 series is a professional line of cost effective, hand-held instruments for measuring pressure, temperature, humidity, air speed and other variables. Each instrument in this series includes a sensor and backlit 2-line LCD. A shockproof holster is available as an option. They are battery operated and can easily be carried in a shirt pocket.

Mini P PRO - MP50 MK2

Mini T PRO - TK52 MK2

Mini T+RH PRO - HD50 MK2

Mini AIR PRO - LV50 MK2
Mini AIR HW PRO - VT50 MK2

Mini Speed PRO - CT50 MK2

Pressure Meter
TECHNICAL FEATURES
Display: 1 line of 5 digits with 7 segments and 1 line of 5 digits with 16 segments.
Size 50x34.9mm
Housing: Shock-proof made of ABS, IP54 protection
keypad: metal-coated with 5 keys
Selectable units: mmH$_2$O, KPa, InWg, mBar, mmHg
Pressure connectors: Ø6,2mm barbed connectors made of nickelled brass
Pressure: piezo-resistive sensor linearity: 0,25%FS, response time: 500ms, stability (long term): 0,25%mbar
Overpressure allowed: 700mbar
Power supply: 1 alkaline battery a 9V 6LR61
Working temp.: from 0 to 50°C
Storage temp.: from -20 to +80°C
Automatic shut-off: adjustable from 0 to 120 min.
Dimensions: 70.6x156.2x34.7mm
Weight: 190 gr.
Languages available: French, English

SUPPLIED WITH…
Pressure sensor 0 to ±1000 mmH$_2$O
Clear tube 2 x 1 m
Instruction manual

Thermometer
TECHNICAL FEATURES
Display: 1 line of 5 digits with 7 segments and 1 line of 5 digits with 16 segments.
Size 50x34.9mm
Housing: Shock-proof made of ABS, IP54 protection
keypad: metal-coated with 5 keys
Connections: compensated miniature female Tc connectors
Tc temperature: thermocouple K, J or T class 1
Power supply: 1 alkaline battery a 9V 6LR61
Working temp.: from 0 to 50°C
Storage temp.: from -20 to +80°C
Automatic shut-off: adjustable from 0 to 120 min.
Dimensions: 70.6x147.7x34.7mm
Weight: 190 g.
Languages available: French, English

Thermo-Hygrometer
TECHNICAL FEATURES
Display: 1 line of 5 digits with 7 segments and 1 line of 5 digits with 16 segments.
Size 50x34.9mm
Housing: Shock-proof made of ABS, IP54 protection
keypad: metal-coated with 5 keys
Cable: retractable, L=450mm, up to 2.4m when released
Hygrometry and Ambient temperature: CMOS sensor
Power supply: 1 alkaline battery a 9V 6LR61
Working temp.: from 0 to 50°C
Storage temp.: from -20 to +80°C
Automatic shut-off: adjustable from 0 to 120 min.
Dimensions: 70.6x147.7x34.7mm
Weight: 190 g.
Languages available: French, English

SUPPLIED WITH…
Hygrometry probe f13mm
L=110mm

Thermo-Anemometers
TECHNICAL FEATURES
Display: 1 line of 5 digits with 7 segments and 1 line of 5 digits with 16 segments.
Size 50x34.9mm
Housing: Shock-proof made of ABS, IP54 protection
keypad: metal-coated with 5 keys
Power supply: 1 alkaline battery a 9V 6LR61
Working temp.: from 0 to 50°C
Storage temp.: from -20 to +80°C
Automatic shut-off: adjustable from 0 to 120 min.
Dimensions: 70.6x147.7x34.7mm
Weight: 190 g.
Languages available: French, English

Mini AIR PRO - LV50 MK2
Vane probe Ø77.2mm, L=296mm
Cable: retractable, length 450mm, up to 2.4m when released
Measuring Elements:
Vane anemometer: Hall effect sensor
Ambient temperature: Pt100 class A
Mini AIR HW PRO - VT50 MK2
Hotwire probe Ø8mm, L=306mm
Cable: straight, length 2m
Measuring Elements:
Hotwire anemometer: thermistance with negative temperature factor
Ambient temperature: Pt100 1/3 DIN

Tachometer
TECHNICAL FEATURES
Display: 1 line of 5 digits with 7 segments and 1 line of 5 digits with 16 segments.
Size 50x34.9mm
Housing: Shock-proof made of ABS, IP54 protection
keypad: metal-coated with 5 keys
Cable: retractable, length 450mm, up to 2.4m when released
Measuring Elements:
Optical tachometry: optical detection (phototransistor)
Contact tachometry (option): ETC type adaptor fitting optical tachometry probe.
Maximum shooting distance: 40cm
Power supply: 1 alkaline battery a 9V 6LR61
Working temp.: from 0 to 50°C
Storage temp.: from -20 to +80°C
Automatic shut-off: adjustable from 0 to 120 min.
Dimensions: 70.6x147.7x34.7mm
Weight: 190 g.
Languages available: French, English

SUPPLIED WITH…
Optical tachometry probe
Reflective tape (1m)

ACCESSORIES
Contact adaptor fitting optical tachometry probe

Model	Code	Parameters	Range	Accuracy	Resolution
Mini P PRO MK2	8222	Pressure	0 to 1000 mmH$_2$O	±(0.5% rdg + 2mmH$_2$O)	0.1/1 mmH$_2$O
Mini T PRO MK2	8114	Temperature Tc K	-200 to +1300 °C	±0.4% rdg or ±1.1°C	0.1 °C
		Temperature Tc J	-100 to +750 °C	±0.4% rdg or ±0.8°C	0.1 °C
		Temperature Tc T	-200 to +400 °C	±0.4% rdg or ±0.5°C	0.1 °C
Mini T+RH PRO MK2	8332	Relative Humidity	5 to 95 %RH	±1.8% RH (from 15 to 25°C)	0.1 %RH
		Air Temperature	-20 to +70 °C	±0.4% rdg or ± 0.3°C	0.1 °C
Mini AIR PRO MK2	8356	Air Speed	0.3 to 3 m/s	±(3% rdg + 0.1m/s)	0.1 m/s
			3.1 to 35 m/s	±(1% rdg + 0.3m/s)	0.1 m/s
		Air Temperature	-20 to +80 °C	±(0.4% rdg + 0.3°C)	0.1 °C
Mini AIR HW PRO MK2	8362	Air Speed	0.15 to 3 m/s	±(3% rdg + 0.05m/s)	0.01 m/s
			3.1 to 30 m/s	±(3% rdg + 0.2m/s)	0.1 m/s
		Air Temperature	-20 to +80 °C	±(0.3% rdg + 0.25°C)	0.1 °C
Mini Speed PRO MK2	8922	Optical Speed	60 to 60000 RPM	±(0.3% rdg + 1 RPM)	1 RPM
		Contact Speed	30 to 20000 RPM	±(1% rdg + 1 RPM)	1 RPM

Specifications may change without notice.