Mini Air PRO - LV50

E eurotron
GreenLine

Innovative Instrumentation Solutions
A unit of E Instruments Group LLC

Hand-Held, Vane Thermo-Anemometer

Reliable and Accurate

Easy to Use

Display of 2 Parameters Simultaneously

Protective Magnetic Rubber Boot on Request

Air Velocity

Automatic Average

Pt100 Temperature inside the probe

Hold Function

Min & Max Values

Unit Selection

The vane thermo-anemometer model Mini Air Pro is a portable, compact digital meter designed for simplicity and one-hand operation.

The thermo-anemometer is equipped with unique features such as a high stability, good repeatability and fast response in order to keep high accuracies of measurements at bad ambients.

The air velocity is measured with a Hall effect sensor. The ambient temperature is measured with a RTD Pt100.

The Mini Air Pro thermo-anemometer has its own dual display which continuously shows measure, average, data hold, max. and min. Values.

USING

- Selection of the language: (with unit switched off) press and hold "OK". Then press "ON/OFF". Press "HOLD" to confirm English and press "SELECT" for French.
- To switch on, press "ON/OFF". Click on "OK" to start the auto zero.
- To modify the unit of measure: press "SELECT" to scroll down the menus (units, average and airflow). When "units" appears, press "OK". Scroll down the measure units of air velocity by pressing "SELECT" and confirm by pressing "OK". Proceed in the same way for the measure units of temperature.
- Calculation of average: press "SELECT" to scroll down the menus. When "average" appears, press "OK". To start the calculation, press "OK". To stop the calculation, press "OK". Then, the result is displayed. To start another calculation, press "OK" and come back to the measure in progress, press "ESC"
- To display the min. and max. values, press "MIN/MAX". To come back to the measure in progress, press "ESC".
- To hold the measure in progress, press "HOLD" once. Press twice to come back to the measure.
- To switch off, press and hold "ON/OFF" for a few seconds.

Selection of the menu

Min and max. values

ON/OFF
Escape

Hold the measure

Validate the choice

SPECIFICATIONS

CONFORMITY : electromagnetical compatibility (norm NF EN 61326-1)
POWER SUPPLY : 1 Alcaline battery 9 V 6LR6
BATTERY LIFE: about 25h
AUTOMATIC SHUT-OFF : 30 min
WORKING ENVIRONMENT: Neutral gas
WORKING TEMPERATURE: 0 to 122°F
STORAGE TEMPERATURE: 0 to 122°F
DIMENSIONS : 5.7"x3"x1.3"
WEIGHT : 6.7 oz.
LANGUAGES AVAILABLE : French, English.
DISPLAY : 2 lines of 12 characters. Size 1.5"x0.5".
HOUSING : Shock-proof, made of ABS/PC.
KEYPAD : Made of Elastomer : 5 keys.
MEASURING ELEMENTS :
Thermo anemometer: Hall effect sensor
Ambient temperature: Pt100 class A
CABLE: retractable, length 18", up to 95" when released

ORDERING CODE

Mini Air Pro: 8356
Protective rubber boot:EE880042

	Measuring Units	Measuring Ranges	Accuracy*	Resolution
Air Velocity	m/s, fpm	80 to 6930 fpm	±(3% rdg +0.3fpm)	1 fpm
Temperature	°C, °F, K	-4 to +176°F	±(2% rdg +0.2°F)	0.1 °F

* Performed in laboratory conditions, all the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions.

Specifications may change without notice.