CLASS 50

TECHNICAL DATA SHEET

New

CE

THERMO-ANEMOMETER
LV 50

- - - - **Reliable and accurate**

- - - - **Simple to use**

- - - - **Display of 2 parameters simultaneously**

- - - - **Selection of languages**

FUNCTIONS

VANE PROBE THERMO-ANEMOMETER :

➤ Air velocity

➤ Automatic average

➤ Pt100 temperature inside the probe

➤ Hold function

➤ Min. et max. values

➤ Selection of units

SPECIFICATIONS

	Measuring units	Measuring ranges	Accuracy*	Resolution
Air velocity	m/s, fpm	0,4 to 35m/s	±3% of reading ±0,2m/s	0,1m/s
Ambient temperature	°C, °F, K	-20 to +80°C	±2% of reading ±0,3°C	0,1°C

* 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.

TECHNICAL FEATURES

DISPLAY : 2 lines of 12 characters. Size 38 x 12 mm.

HOUSING : Shock-proof, made of ABS/PC.

KEYPAD : Made of Elastomer : 5 keys.

CABLE : retractable, length 450 mm, up to 2,4m when released

MEASURING ELEMENTS :
Vane anemometer : Hall effect sensor.
Ambient temperature : Pt100 class A.

CONFORMITY : electromagnetical compatibility (norm NF EN 61326-1)

POWER SUPPLY : 1 Alcaline battery 9 V 6LR6

WORKING ENVIRONMENT : Neutral gas

WORKING TEMPERATURE : From 0 to 50°C.

STORAGE TEMPERATURE : From 0 to 50°C.

AUTOMATIC SHUT-OFF : 30 min

DIMENSIONS : 145 x 75 x 34 mm

WEIGHT : 190 g

LANGUAGES AVAILABLE : French, English.

SUPPLIED WITH...

X Included

	LV 50
Vane probe Ø 70 mm, lg. 310 mm	X
Adjusting certificate	X

ACCESSORIES

➤ Rubber boot protection with magnet and holding-leg

➤ Telescopic extension, length 1m bent at 90° for probe.

➤ Transport cases

AFTER-SALES SERVICE

Kimo performs the calibration, the adjusting and maintenance of all their instruments to guarantee a constant level of quality of your measurements. Within the Quality Insurance norms, we recommend that the instruments are checked once a year.

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".

- Selection of 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 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 to come back to the measure in progress, press "ESC".
- Min. and max. values : press "MIN/MAX" once to display the air velocity values and press twice to display the temperature values.
 To escape this menu, press "ESC".
- Function HOLD : to hold the measure, press "HOLD" and to come back to the measure in progress, press this key once again.
- To switch off, press and hold "ON/OFF" during few seconds.

Selection of the menu

ON/OFF Escape

Min and max. values

Hold the measure

Validate the choice

www.kimo.fr

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