

AIR VELOCITY AND AIR FLOW

KIMO Hot Wire Thermo-Anemometer

Model VT50

- Hold function
- Auto shut-off : 20 minutes
- Hot wire probe
- 4 x AAA batteries

Comes with adjusting certificate and carrying case.

Order Code VT50



	Temperature	Air velocity
	From -20 to +80 °C (-4 to +176°F)	0.15 to 30 m/s (30 to 6000 pi/min)
Accuracy	±0.3% of reading ±0.25°C	From 0.15 to 3 m/s: ±3% of reading ±0.05 m/s From 3.1 to 30 m/s: ±3% of reading ±0.2 m/s
Resolution	0.1 °C	From 0 to 3 m/s: 0.01 m/s From 3 to 30 m/s: 0.1 m/s
Response time	T90 = 1 s for v = 1 m/s	T63 = 6 s

KIMO Compact Vane Thermo-Anemometer

Model LV50

- Hold function
- Auto shut-off : 20 minutes
- Integrated vane probe
- 4 x AAA batteries

Comes with adjusting certificate and carrying case

Order Code LV50 Ø 100 mm



	Temperature	Air Velocity
	From -20 to +80 °C (-4 to +176°F)	0.3 to 35 m/s (60 to 6990 pi/min)
Accuracy	±0.4% of reading ±0.3°C	From 0.3 to 3 m/s: ±3% of reading ±0.1 m/s From 3.1 to 35 m/s: ±1% of reading ±0.3 m/s
Resolution	0.1 °C	From 0.3 to 3 m/s : 0.01 m/s From 3 to 35 m/s : 0.1 m/s
Response time	T63 = 5 s	T63 = 4 s

KIMO Vane Thermo-Anemometer

Model LV130

- Airflow calculation (and at the cone)
- Detection of flow direction
- Automatic average
- Selection of units (air velocity, airflow and temperature)
- Display of minimum and maximum values
- Adjustable auto shut-off
- Backlight
- Hold function

Comes with a calibration certificate* and a carrying case (class S comes with an adjusting certificate).



Specifications

VELOCITY

m/s, fpm,	From 0.3 to 35 m/s (60 to 6990 ft/min)	From 0.30 to 3.00 m/s: ±3% or reading ±0.1 m/s
km/h		From 3.1 to 35 m/s: ±1% of reading ±0.3 m/s

AIR FLOW

m³/h, cfm,	From 0 to 99 999 m³/h	±3% of reading ±0.03 area (cm²)
l/s, m³/s		

TEMPERATURE

°C, °F	From 0 to +50 °C (-32 to 122°F)	±0.4 % of reading ±0.3 °C
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Code Description

LV 130	Integrated Ø 100 mm Vane*
LV 130S	Integrated Ø 100 mm Vane

KIMO Vane Thermo-Anemometers

Models LV111 – LV117 – LV110

Functions

- Airflow calculation
- Airflow calculation with cone (LV110/117)
- Automatic average
- Selection of units (air velocity, airflow and temperature)
- Configurable auto shut-off
- Backlight
- Detection of flow direction (LV110/117)
- Hold function-min-max

Comes with a calibration certificate and a carrying case (class 110S comes with an adjusting certificate)



Specifications

	VELOCITY	ACCURACY
LV 111 Ø14 mm	From 0.8 to 25 m/s (155 to 4920 ft/min)	From 0.80 to 3.00 m/s: ±3% of reading ±0.1 m/s From 3.1 to 25 m/s : ±1% of reading ±0.3 m/s
LV 110 Ø100 mm	From 0.3 to 35 m/s (60 to 6990 ft/min)	From 0.30 to 3.00 m/s : ±3% of reading ±0.1 m/s From 3.1 to 35 m/s : ±1% of reading ±0.3 m/s
LV 117 1Ø0 mm	From 0.4 to 35 m/s (80 to 6990 in/min)	From 0.40 to 3.00 m/s : ±3% of reading ±0.1 m/s De 3,1 à 35 m/s : ±1% of reading ±0.3 m/s
All models	AIR FLOW From 0 to 99 999 m³/h (cfm, l/s, m³/s)	ACCURACY ±3% of reading ±0.03 area (cm²)
All models	TEMPERATURE From -20 to +80 °C (-4 to 176°F)	ACCURACY ±0.4 % of reading ±0.3 °C

Code Description

LV 111	Remote probe Ø 14 mm, cable 2m
LV 111S	Remote probe Ø 14 mm, cable 2m
LV 110	Remote probe Ø 100 mm, cable 2m
LV 110S	Remote probe Ø 100 mm, cable 2m
LV 117	Remote probe Ø 70 mm, cable 2m
LV 117S	Remote probe Ø 70 mm, cable 2m



Accessories for Class 50 and 110 Instruments

Code Description

CQ 15	Protective cover with integrated magnets. For Class 50 and 110 instruments
MT51	ABS transport case. For Class 50 and 110 instruments
RD300	Straight extension Ø 10 mm, length 300 mm. For hotwire probe and diam.14mm vane probe
RTE	Telescopic extension Ø 16 mm, length 1 m, can be bent at +/- 90°. For measuring probes with handle
K25	Airflow cone for Ø 100 mm vane probe. Sizes: 200 x 200 mm. Airflow from 10 to 300 m³/h, blow and exhaust. Supplied with soft cover.
K85	Airflow cone for diameter 100mm vane probe. Size: 350 x 350 mm. Airflow from 10 to 400 m³/h, blow and exhaust. Supplied with soft cover.



Kimo K25



Kimo K85