DATA SHEET

Si-VV3

Vane Thermo-anemometer



- Air velocity and airflow meter
- Large vane probe with 2 m (78.74") cable
- Backlit LCD screen
- Magnetic backing for easy fixing + Carrying bag

FREE APP Sauermann Pilot App

GET IT ON Google Play

Download on the App Store

Technical specifications

Parameters	Measuring units	Accuracy*	Measuring range	Resolution
Air velocity	m/s, km/h, fpm, mph	±(3% of value +0.1 m/s) from 0.4 to 3 m/s ±(1% of value +0.3 m/s) from 3 to 30 m/s ±(3% value +19.7 fpm) from 78.8 to 590.6 fpm ±(1% value +59.1 fpm) from 590.6 to 5905.5 fpm	from 0.4 to 30 m/s from 78.7 to 5905 fpm	0.01 m/s from 0.4 to 5 m/s 0.1 m/s from 5 to 30 m/s 0.1 fpm from 0 to 984.2 fpm 1 fpm from 984.2 to 5905 fpm
Airflow**	m^3/h, m^3/min, m^3/s, cfm	-	from 0 to 9999 m^3/h from 0 to 9999 m^3/min from 0 to 9999 m^3/s from 0 to 9999 cfm	1 m^3/h 0.01 m^3/min 0.001 m^3/s 0.1 cfm
Temperature	°C, °F	±0.5°C ±0.9°F	from -10 to +60°C from 14 to 140°F	0.1°C 0.1°F

*All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions.

**Calculated value, only available on the app. Airflow is calculated with the surface given by the user. Accuracy of the result will depend on surface accuracy given by the user.

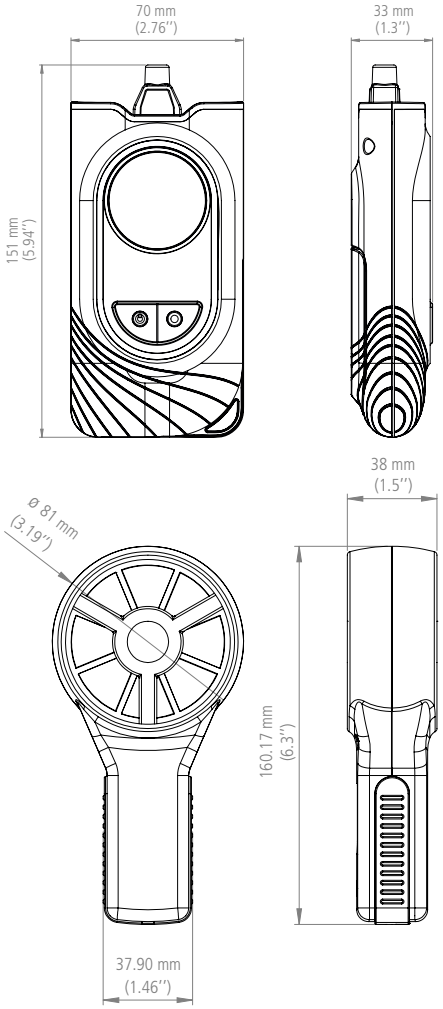
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General features

Measuring element	Air velocity: optical detection Temperature: NTC
Display	Integrated 2-line LCD 7 segment monochrome display with backlight
Housing	ABS-PC and TPE, IP54
Keypad	1 ON/OFF & Backlight button 1 Hold/Min/Max/Live & Unit button
Standards & Directives	2011/65/EU RoHS II (EU)2015/863; 2012/19/EU WEEE; 2014/53/EU RED
Power supply	3 alkaline batteries LR03 AAA 1.5 V
Battery life	120 hours* (without backlight and without wireless communication)
Wireless communication	Range frequency from 2402 MHz to 2480 MHz with a transmit power of 0 dBm. Range up to 15 m (98 ft), depending on smartphone radio strength. Minimum required versions: Android 5.0, iOS 12.4, BLE 4.0
Ambiance	Air and neutral gas
Operating conditions	From 0 to 40°C (+32 to +104°F). In non condensing conditions. Altitude: from 0 to 2000 m (6561').
Storage temperature	From -20 to +60°C (-4 to 140°F)
Auto shut-off	10 minutes (can be deactivated)
Weight (with probe & batteries)	318 g (11.2 oz)

*Battery life given at 20°C (68°F) with alkaline batteries

Dimensions



Kit content

- Certificate of conformity
- Quick Start Guide
- 3 alkaline batteries LR03 AAA 1.5V
- Carrying bag

Sauermann Pilot App

The Sauermann Pilot app allows to view and record measurements in real-time.
Main features:

- Easily view different parameters
- Browse saved measurements history and data graphs (average, min & max values, etc.)
- Create reports (PDF or CSV) and add up to height (8) photos

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