



NEW

# VT 50

## Portable Handheld Thermo-Anemometer With Hotwire Probe

- Easy To Use
- HOLD Function
- 20 Minute Auto Shut-Off
- Air Velocity
- Temperature
- Hotwire Probe
- 2-Line Display
- Adjustment Certificate

Parameter	Temperature	Velocity
Measuring Units	°F / °C	fpm / m/s / km/h
Measuring Range	-4°F to 176°F / -20°C to 80°C	29 to 5900 fpm / 0.15 to 30 m/s
Accuracy*	±0.4% of reading ±0.3°F / 0.3°C	29 to 590 fpm ±3% of reading ±0.1 fpm 0.3 to 3 m/s ±3% of reading ±0.1 m/s 610 to 5900 fpm ±1% of reading ±0.3 fpm 3.1 to 35 m/s ±1% of reading ±0.3 m/s
Resolution	0.1°F / 0.1°C	0 to 590 fpm: 0.01 fpm 0 to 3 m/s: 0.01 m/s 590 to 5900 fpm: 0.1 fpm 3 to 30 m/s: 0.1 m/s
Response Time	T90 = 1 s for V = 195 fpm	T63 = 6 s
Conditions of Use	32°F to 122°F / 0°C to 50 °C In Non-Condensing Conditions 0 to 6550 ft / 0 to 2000 m	
Storage Temperature	-4°F to 176°F -20°C to 80 °C	
Measuring Element	NTC	Thermistor with a negative temp. coefficient
Power Supply	4 AAA Batteries LR03 1.5 V	
Battery Life	40 Hrs	
European Directives	2014/30/EU EMC ; 2014/35/EU Low Voltage ; 2011/65/EU RoHS II ; 2012/19/EU WEEE	

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



Material: ABS

Protection: IP54

Display: 2 Lines

Size: 2.8 x 1.3 x 5.8 in

Weight: 7 oz

(w/ batteries)