



Vane Thermo-Anemometer Test Instrument

Measures Air Velocity or Air Volume, Temperature, and Humidity Simultaneously

Models Select Chart

EXAMPLE	473B	1	NIST	473B-1-NIST, 473B Digital Thermo-Anemometer, 40 to 5000 FPM (0.5 to 25 m/s) range, NIST calibrated
RANGE		1		40 to 5000 FPM (0.2 to 25 m/s)
OPTIONS			COC FC NIST	Certificate of Calibration Factory Calibration Certificate NIST Traceable Calibration Certificate

Accessories

Model	Description
AP1	Thermo anemometer air velocity & temperature probe with coiled cable, 8" insertion length
RP1	Thermo hygrometer humidity & temperature probe with coiled cable.
UHH-C1	Soft carrying case
VP1	100 mm vane thermo-anemometer air velocity, temperature and humidity probe with coiled cable.
A-47X-BOOT	Rubber boot for manometers (manometer not included).
A-VPX-CKIT	Air cone kit, rectangular and circular hoods, for use with the VP1/VP2

Specifications:-

Service	:	Dry, clean air.
Temperature Limits	:	Process: -20 to 212°F (-29 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).
Display	:	4.5 digit backlit display.
Range	:	Air Velocity: 40 to 5000 fpm (0.2 to 25 m/s); Volumetric Air Flow: 19,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C); Relative Humidity: 0 to 100% RH.
Accuracy	:	Air Velocity: ±1.5% of reading ±20 fpm (±0.1 m/s) [0.25 to 10 m/s]; ±1.5% of reading ±40 fpm (±0.2 m/s) [10 to 20 m/s]; ±1.5% of reading ±60 fpm (±0.3 m/s) [20 to 25 m/s]; Temperature: ±0.54°F @ 77°F (±0.3°C @ 25°C); Relative Humidity: ±2% @ 77°F (25°C) [10 to 90% RH]; ±4% [0 to

		10, 90 to 100% RH].
Response Time	:	Air Velocity: 1 s; Volumetric Air Flow: 1 s; Temperature: 1.5 s; Relative Humidity: 1.5 s.
Probe Length	:	8" (203 mm) insertion.
Cable Length	:	28" (71 cm) retracted; 6' (183 cm) extended.
Vane Material	:	Anodized aluminum.
Power Requirements	:	9 V alkaline battery, installed non-functional, user replaceable.
Weight	:	18.4 oz (521 g).
Agency Approvals	:	CE.