



Thermo-Anemometer Test Instrument

Measures Air Velocity or Air Volume and Temperature Simultaneously

Models Select Chart

EXAMPLE	471B	1	NIST	471B-1-NIST, 471B Digital Thermo Anemometer, 0 to 6000 FPM (0 to 30 m/s) range, NIST calibrated
RANGE		1		0 to 6000 FPM (0 to 30 m/s)
OPTIONS			NIST	NIST Traceable Calibration Certificate

Accessories

Model	Description
AP1	Thermo anemometer air velocity & temperature probe with coiled cable, 8" insertion length
A-47X-BOOT	Rubber boot for manometers (manometer not included).
AP1-18	Thermo anemometer air velocity & temperature probe with coiled cable, 18" insertion length
AP1-24	Thermo anemometer air velocity & temperature probe with coiled cable, 24" insertion length
AP1-36	Thermo anemometer air velocity & temperature probe with coiled cable, 36" insertion length

Specifications:-	
Service	: Air velocity and temperature of clean, dry air.
Temperature Limits	: Process Air Velocity: -20 to 212°F (-29 to 100°C); Process Temperature: -40 to 212°F (-40 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).
Display	: 4.5 digit LCD.
Resolution	: 0.1%, 0.1°F/°C.
Range Air Velocity	: 0 to 6000 FPM (0 to 30 m/s). -TAB option: 50 to 3900 FPM (0.25 to 20m/s).
Accuracy Air Velocity	: ±3% FS within temperature range of 40 to 90°F (4 to 32°C). -TAB option: ±5% of reading, not less than ±1.6 FPM (0.5 m).
Range Volumetric Air Flow	: 19,999 in selected flow units.
Range Temperature	: -40 to 212°F (-40 to 100°C).
Accuracy Temperature	: ±0.5°F (±0.28°C) from 32 to 122°F (0 to 50 °C);

		±1.5°F (±0.83°C) from -40°F to 32°F (-40 to 0°C) & 122 to 212°F (50 to 100°C).
Probe Length	:	8" (203 mm) insertion.
Cable Length	:	28" (71 cm) retracted, 6 ft (183 cm) extended.
Power Requirements	:	9 V alkaline battery, installed non-functional, user replaceable.
Weight	:	16 oz (454 g).
Agency Approvals	:	CE.