

1-800-GRAINGER (472-4643)



Hot Wire Thermo-Anemometers

Dual-purpose instruments measure temperature and air speeds in ducts and ventilating systems.

DWYER®

Shows simultaneous air velocity or air flow and temperature on high-contrast backlit LCD. Stores up to 99 readings. 8" stainless steel probe is etched with insertion depth marks.

EXTECH®

3MPE6, 5GCD3, 4KC29 and 5ZT04—Simultaneously display air temperature and air velocity down to 40 ft./min. Telescoping probe is designed to fit into small openings.

3MPE6 and 5GCD3 also measure air flow in cfm/cmm and display instantaneous or 20-pt. average air flow down to 40 ft./min. Probe extends to 3 ft.

4KC29 and 5ZT04 include 37" telescoping probe and 40" cable.

Optional Data Acquisition Software 1CLF1 is available on Grainger.com.

13G530 and 36FW25—Selectable sampling rate of 1 to 3600 sec. Display simultaneous air velocity and temperature. Telescoping probe. Accept Type J/K thermocouple for high-temperature measurement. Retain

up to 99 readings, or use included SD card to data log up to 20 million readings in Excel® format.

TSI ALNOR®

1UCY4—40" telescoping straight probe.

1UCY6 and 1UCY7—Both have 42" articulated probe. 1UCY7 also measures relative humidity to 95% (±3% accuracy) and calculates dew point and wet bulb temperature.

UEI TEST INSTRUMENTS™

Directly captures air temperature, relative humidity, and air velocity. Calculates wet bulb temperature, dew point temperature, and air volume. Air volume is displayed in real-time, or choose a timed average with start/stop capabilities to traverse ductwork. Also features 0.7" small diameter air vane on 39" long telescoping probe. Includes hard carrying case, 9V battery, and manual.

TESTO

Determines air velocity, temperature, and volume flows. Via Bluetooth®, readings are transmitted wirelessly to convenient app-based operation on smartphone or tablet.



Vel. (fpm)	Vel. (mps)	Vel. (mph)	Air Velocity Accuracy	Temp. Range	Interface	Data Logging	STANDARD Mfr. Model	STANDARD Item No.	NIST Mfr. Model	NIST Item No.
Dwyer										
0 to 6,000 fpm	0 to 30 mps	67 mph	±3%	-40° to 212°F	—	No	471B-1	24A466	—	—
Extech										
40 to 3,346 fpm	0.2 to 17 mps	0.9 to 38 mph	±5% +5 Digits	32° to 122°F	RS-232	No	407119	3MPE6	407119	5GCD3
40 to 3,940 fpm	0.2 to 20 mps	0.5 to 45 mph	±3%	32° to 122°F	RS-232	No	407123	4KC29	407123	5ZT04
40 to 3,940 fpm	0.2 to 25 mps	0.5 to 45 mph	±5%	32° to 122°F	SD Card and PC	Yes	—	—	SDL350	36FW25
40 to 3,940 fpm	0.2 to 25 mps	0.5 to 45 mph	±5%	32° to 122°F	RS-232	Yes	SDL350	13G530	—	—
Testo										
0 to 6,000 fpm	0 to 68 mps	0.12 to 68 mph	±0.1 mps +5% (0 to 2 mps), ±0.3 mps +5% (2 to 15 mps), ±19.7 fpm +5% (0 to 394 fpm), ±59.1 fpm +5% (394 to 2,953 fpm)	-4° to 140°F	Bluetooth 4.0	No	0560 1405 01	49Z252	—	—
TSI Alnor										
0 to 4,000 fpm	0 to 20 mps	—	±5%	0° to 200°F	—	No	—	—	AVM410	1UCY4
0 to 6,000 fpm	0 to 30 mps	—	±3%	0° to 200°F	USB	Yes	—	—	AVM430-A	1UCY6
0 to 6,000 fpm	0 to 30 mps	—	±3%	14° to 140°F	USB	Yes	—	—	AVM440-A	1UCY7
UEI Test Instruments										
99 to 3,937 fpm	0.5 to 20 mps	—	±3%	-4° to 140°F	Digital	No	DAFM4	35WC98	—	—

Ultrasonic Leak Detectors

Diagnose problems before they result in major breakdowns. Units detect ultrasonic sound produced by pressurized leaks, vacuum leaks, arcing electrical power distribution equipment, and faulty seals and gaskets.

Amprobe®—Parabolic shield reduces background noise. Extension tube for difficult or dangerous areas. ■ 20,000 to 90,000 Hz AC frequency response

Spectroline®—Solid-state circuitry enhances sensitivity and simplifies operation. Touch-control pad with 5-LED signal-intensity indicator and audible alarm.

AMPROBE

BACHARACH
The Manufacturer's Expert

SPECTROLINE®

Contact probe helps diagnose internal components without disassembly. Probe reaches into tight spaces.

■ 10 to 10,000 Hz AC frequency response

Bacharach®—6JHN8 simultaneously detects vacuum and high-pressure leaks. Includes a foldable headset. Other instruments have an internal sensor and hard hat-compatible headphones. 6JHP2 employs 2 software-controlled sensors. 6JHP4 has multiple detection bands, including unique acoustic bands.

■ 34,000 to 42,000 Hz AC frequency response



Item	Includes	Mfr. Model	Item No.
Amprobe			
Leak Detector	(4) AA Batteries, Earbuds, PB-1 Power Parabola, Receiver, Soft Carrying Case, TE-1 Tubular Extension, TEA-1 Flexible Tubing Adapter	ULD-405	60UN26
Ultrasonic Leak Detector	(2) AAA Batteries, (4) AA Batteries, Flexible Tubing Adapter, Hard Carrying Case, Headphones, Power Parabola, Receiver, Transmitter, Tubular Extension	ULD-420	55EP59
Bacharach			
Compact Ultrasonic Leak Detector	LED Bar Graph Sound Blaster	28-8001	6JHP0
Ultrasonic Inspection System	3 Foot Extension Probe, 6 in Wave Guide, Hard Carrying Case, Hard Hat Compatible Headphones, Instructions, Touch Probe	28-8011	6JHP1
	3 Foot Extension Probe, 6 in Wave Guide, Hard Carrying Case, Headphones, Instructions, Sound Blaster Ultrasonic Sound Generator, Touch Probe	28-8003	6JHP4
Ultrasonic Leak Detector	Folding Headphones, Instructions	28-8013	6JHP5
	Headphones, Instructions, Sound Blaster Ultrasonic Sound Generator	28-8000	6JHN8
	Folding Headphones, Instructions	28-8010	6JHN9
Spectroline	Hard Hat Compatible Headphones, Instructions, Sound Blaster Ultrasonic Sound Generator	28-8002	6JHP2
		28-8012	6JHP3
Spectroline			
Ultrasonic Leak Detection	(2) D Alkaline Batteries, Air Probe, Carrying Case, Contact Probe, Noise-Canceling Headphones, Ultrasonic Emitter, Ultrasonic Receiver	SPI-MDT	55NH89

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