

Tekneka 470 is a compact hot wire anemometer designed for measuring air velocity (0 to 25m/s), volume flow (0 to 282600m³/h), and air temperature (0 to 50°C). It offers the convenience of easily switching between multiple parameters, the ability to customize flow area sizes, and a comfortable fit in the palm of our hands. It comes with a 2-inch display featuring larger digital numbers, the Tekneka 470 also includes useful features such as data logging, a rechargeable battery, and an extended battery life. With functions like quick switching between V/F modes, LCD backlight, MIN/MAX/AVG measurements, UNITS shifting, custom flow shapes, and calibration adjustments, it is widely utilized by HVAC maintenance and installation teams, metrologists, laboratories, wind farm site technicians, industrial air quality monitoring, and production facilities.

Features

- Compatible for measuring extremely low air velocities, making it ideal for grilles and diffuser airflow measurement
- Simple customization of dimensions and areas for flow measurements, including rectangle, circle, and funnel shapes
- Log results in its internal memory and export (CSV/Excel) to PC via USB
- Calibration mode is available for adjusting measurement results
- Provides higher accuracy and quick response for precise measurement results
- Offers multiple functions for air velocity and flow measurement, including m/s, ft/min, m³/h, and CFM
- Features a telescopic probe with a diameter of Ø12mm, extendable up to 15-inch/38cm
- Equipped with a 2-inch LCD featuring three levels of adjustable backlight
- Effortlessly switch between air velocity and flow measurement using the V/F button
- Easy recording, viewing of measurement history, and retrieval of maximum, minimum, and average readings
- Auto power-off function to conserve battery life
- Low battery indication to prevent sudden shutdown during recording



Applications

Tekneka 470 is widely used in the fields of the HVAC industry, metrologist, aerospace, automotive, environmental monitoring, wind energy industry, production facilities, building construction, scientific research, and home and office environment monitoring.



Description	Ranges	Resolution	Accuracy
Air Velocity Measurement	0 to 25m/s	0.01m/s	±0.10m/s or ±5% (0 to 5m/s) ±0.30m/s or ±5% (5 to 25m/s)
	0 to 4921.3ft/min	0.1ft/min	±19.6ft/min or ±5% (0 to 984.2ft/min) ±59.0ft/min or ±5% (984.2 to 4921.3ft/min)
Air Flow Measurement	0 to 282600m ³ /h		
	0 to 82998.3CFM		
Temperature Measurement	0 to 50°C / 32 to 122°F	0.1°C/0.1°F	±1°C/±1.8°F
Measuring Units	m/s, ft/min, m ³ /h & CFM		
Display	2-inch TFT Color LCD, 176 x 220 pixels		
Probe Diameter	12mm		
Telescope Probe Length	38cm/15" (Ruler Markings)		
Memory Storage	10000 Readings (Internal Storage)		
Approx. Logging Interval	1 Second		
Calibration Option	Yes		
Memory Export Format	PC via USB (CSV or Excel File)		
Device History Content	Measured Data, Max, Min, Avg & Time		
Battery	1000mAh (Li-ion)		
Charging	USB (100 to 240V AC Adapter/Output: DC 5V/2A)		
Operating Temperature	0 to 50°C / 32 to 122°F		
Storage Temperature	-10 to 60°C / 14 to 140 & 0 to 80%RH		
Dimension	Device: 35 x 503 x 3.6cm Packing: 41.5 x 16 x 5.4cm		
Weight	Net: 158g Gross: 248g		

Packing Includes

- 470 Mini Hot Wire Anemometer
- USB Cable
- User Manual

Ordering Info

470..... Mini Hot Wire Anemometer