

Indoor Air Quality Tools

Tools to help you maintain good IAQ

Fluke 971 Temperature Humidity Meter

Temperature and humidity are two important factors in maintaining optimal comfort levels and good indoor air quality. Quickly and conveniently take accurate humidity and temperature readings with the Fluke 971. The Fluke 971 is invaluable for facility maintenance and utility technicians, HVAC-service contractors, and specialists who assess indoor air quality (IAQ). The Fluke 971 the perfect tool for monitoring problem areas. It is built to perform and made to last.

- New and improved digital sensor for faster response times
- Backlit dual display of humidity and temperature
- Measures dew point and wet bulb temperatures
- 99 record storage capacity
- Compact and lightweight at 188 g (6.6 oz)
- Min/Max/Avg/Hold functions

Specifications

Functions	Measurements
Temperature range	-20 °C to 60 °C (-4 °F to 140 °F)
Relative humidity range	5 % to 95 %
Temperature update rate	500 ms
Temperature sensor type	NTC
Response time (humidity)	For 90 % of total range - 60 sec. with 1 m/s air movement
Humidity sensor	Electronic capacitance polymer film sensor
Battery type	4 AAA alkaline batteries
Battery life	200 Hours
Safety approval	Electromagnetic compatibility: Complies with EN 61326-1

Find how-to videos, application notes and other resources on the indoor air quality product pages on www.fluke.com

Fluke 985 Airborne Particle Counter

The Fluke 985 Particle Counter is ideal for troubleshooting and monitoring indoor air quality issues and verifying HVAC filter performance in critical locations, and is the perfect tool for the maintenance, HVAC, and IAQ professional.

- Six channels and particle size range of 0.3 µm to 10.0 µm
- Large 3.5 inch QVGA color display
- 10,000 record storage: Quick access to historical data
- On-screen data presentation
- Personalized setting and configurations
- Download data to a PC using a USB memory stick, USB cable or Ethernet connection
- USB/Ethernet charge cradle

Specifications

Functions	Measurements
Flow rate	2.83 L/min (0.1 cfm)
Light source	775 nm to 795 nm, 90 mW class 3B laser
Count modes	Raw counts, #/m³, #/ft³, #/liter in Cumulative or Differential mode
Counting efficiency	50 % @ 0.3 µm; 100 % for particles > 0.45 µm (per ISO 21501)
Zero count	1 count/5 minute (JIS B9921)
Concentration limits	10 % at 4,000,000 particles per ft³ (per ISO 21501)
Sample inlet	Isokinetic probe
Operating environment	10 °C to 40 °C (50 °F to 104 °F)/< 95 % non-condensing relative humidity
Warranty	One-year

Ordering information

Models	Included accessories
FLUKE-985 Airborne Particle Counter	Certificate of Calibration (NIST traceable), cradle for charging and convenient USB and Ethernet communications, ethernet cable, USB cable, power supply, zero count inlet filter, filter adapter, sample inlet protective cap, hard case, manual
FLUKE-971 Temperature Humidity Meter	Four AAA alkaline batteries, users manual



Monitor air humidity levels throughout your facility with the Fluke 971.

