

# Fluke 971 Temperature Humidity Meter



Fluke 971



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.

It is invaluable for facility maintenance and utility technicians, HVAC-service contractors, and specialists who assess indoor air quality (IAQ). Lightweight and easy to hold, it's the perfect tool for monitoring problem areas. With a rugged holster and protected sensor, the Fluke 971 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
- Ergonomic design with belt clip and protective holster
- Compact and lightweight at 188 g (6.63 oz)
- Temperature range from -20° C to 60° C (-4° F to 140° F)
- Relative humidity from 5% to 95%
- Min/Max/Avg/Hold functions
- Low battery indicator
- One-year warranty

Specifications	971
Temperature range	-20° C to 60° C (-4° F to 140° F)
Temperature accuracy	
0° C to 45° C (32° F to 113° F)	±0.5° C (±1.0° F)
-20° C to 0° C and 45° C to 60° C	±1.0° C (±2.0° F)
(-4° F to 32° F and 113° F to 140° F)	
Resolution	0.1° C (0.1° F)
Response time (temperature)	500 ms
Temperature sensor type	NTC
Relative humidity range	5% to 95% R.H.
Relative humidity accuracy	
10% to 90% R.H. @ 23° C (73.4° F)	±2.5% R.H.
<10%, >90% R.H. @ 23° C (73.4° F)	±5.0% R.H.
Humidity sensor	Electronic capacitance polymer film sensor
Data storage	99 points
Response time (humidity)	For 90% of total range - 60 sec with 1 m/s air movement

General	
Operating temperature	Temperature: -20° C to 60° C (-4° F to 140° F) Humidity: 0° C to 60° C (32° F to 140° F)
Storage temperature	-20° C to 55° C (-4° F to 131° F)
Battery life	4 AAA alkaline, 200 hours
Safety	Complies with EN61326-1
Size (HxWxD)	194 mm × 60 mm × 34 mm
Weight	0.18 kg (6.63 oz)

## Fluke RLD2 UV Refrigerant Leak Detector Flashlight



Leak detection made easy. The compact, easy-to-use, RLD2 UV flashlight uncovers refrigerant leaks instantly. Use the UV light to find the leakage area, then, use the laser pointer to pinpoint the exact leak location. With 100000 hours of life, and four operating modes, this versatile leak detector is a must have for HVAC technicians.

- Six UV LEDs (395 nm wavelength) detect leak detection dyes
- Laser pointer clearly locates center of the UV field for accuracy
- Three LED flashlight with 100000 hour LED life
- Four operating modes: flashlight, UV light, laser light, UV/laser light combination
- Convenient detachable key chain carabiner and AAA battery included

## Recommended Accessories


C550  
Tool Bag

C1600  
Gear Tool Box

## Included Accessories

**Fluke 971:** Four AAA Alkaline Batteries, Operation Manual.

**Fluke RLD2:** Chain Carabiner and Batteries.

## Ordering Information

**FLUKE-971** Temperature Humidity Meter

**FLUKE-RLD2** Refrigerant Leak Detector

Contact your local distributor for price and availability.

fluke.com/wtb

Environmental Testing

