

FLUKE®

Introducing the Fluke 971 Temperature Humidity Meter

**The latest solution from Fluke
to meet the needs of your
HVAC and IAQ customers.**

**Test Equipment
Depot**
1-800-517-8431

99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
Toll Free 1-800-517-8431



Visit us at www.TestEquipmentDepot.com



New Fluke 971 Temperature Humidity Meter:

Taking indoor comfort to the next degree



Superior usability and ergonomic design

- Bright, backlit dual display of humidity and temperature highlights readings in less than ideal environments.
- 99 record storage capacity supports data analysis across numerous locations.
- Durable, ergonomic holster with integrated belt clip allows for convenient storage and retrieval in the field.
- Wet bulb and dew point calculations at the push of a button.

Customer market:

- **Operations and Maintenance and HVAC Contractors** will respond to indoor climate complaints and use the Fluke 971 to ensure parameters remain within acceptable ranges.
- **IAQ Specialists** will monitor temperature and humidity conditions as part of a comprehensive indoor air quality investigation.

Assess thermal comfort conditions quickly and accurately

- **Satisfy your customers with a solution that works.** The Fluke 971 provides the answers your customers need, with the reliability and ruggedness that Fluke products are known for. From the wet bulb and dew point calculations to the rugged holster and belt clip, the Fluke 971 provides the features your customers want with an eye towards protecting their investment for some time to come.
- **Expand your existing Fluke HVAC / IAQ line.** Be a single source provider for Fluke HVAC / IAQ test and measurement products, the preferred brand of HVAC and MRO professionals.
- **Partner with Fluke.** The Fluke team will support you in growing your IAQ business with extensive market initiatives including lead generation and merchandising.

General specifications

Temperature range	-20 °C to 60 °C (-4 °F to 140 °F)
Temperature accuracy	
0 °C to 45 °C	± 0.5 °C
-20 °C to 0 °C and 45 °C to 60 °C	± 1.0 °C
32 °F to 113 °F	± 1.0 °F
-4 °F to 32 °F and 113 °F to 140 °F	± 2.0 °F
Resolution	0.1 °C (0.1 °F)
Response time (temperature)	500 ms
Temperature sensor type	NTC
Relative humidity range	5 % to 95 % RH
Relative humidity accuracy	
(10 % to 90 % RH) @23 °C (73.4 °F)	± 2.5 %RH
(< 10 %, > 90 % RH) @23 °C (73.4 °F)	± 5.0 %RH
Humidity Sensor	Electronic capacitance polymer film sensor.
Data Storage	99 points
Response time (humidity)	For 90 % of total range - 60 sec. with 1m/s air movement
Operating temperature	
Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Humidity	0 °C to 55 °C (32 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F) at < 80 % R.H. (with battery removed)
Weight	190 g (6.6 oz)
Dimensions	194 mm x 60 mm x 34 mm (7.6 in x 2.4 in x 1.3 in)
Battery Type	4 x AAA alkaline batteries
Battery Life	200 hours

[Back to the Fluke 971 Product Info Page](#)

[Visit us at www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)