

## **Indoor Air Quality / Condition Monitoring Instrument**

### ➤ **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.

**1. Fluke 971 Temperature Humidity Meter**



➤ **Key Features**

- 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
- Quick-response capacitance sensor
- Compact and lightweight (188 g /6.6 oz)
- Temperature range from -20 °C to 60 °C (-4 °F to 140 °F)
- Relative humidity from 5% to 95%
- Min/Max/Avg Data hold
- Low battery indicator

• **Specifications: Fluke 971 Temperature Humidity Meter**

Specifications	
Temperature	-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 & 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
Temperature update rate	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 densor	Electronic capacitance polymer film sensor.
Data storage capacity	99 points
Response time (humidity)	For 90% of total range - 60 s with 1 m/s air movement

### Environmental Specifications

Operating temperature	Temperature: -20°C to 60°C
	Humidity: 0°C to 55°C
Storage temperature	-20°C to 60°C at < 80% R.H. (with battery removed)

### Mechanical and General Specifications

Weight	190 g (6.7 oz)
Dimensions	194 x 60 x 34 mm
Battery type	4 AAA alkaline batteries

Battery Life	200 Hours
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