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Fluke 971 Temperature Humidity Meter

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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 & 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 Sensor	Electronic capacitance polymer film sensor.
Data storage capacity	99 points
Response Time (Humidity)	For 90% of total range – 60 sec. with 1m/s air movement

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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 & General Specifications	
Weight	190 g (6.7 oz)
Dimensions	194mm x 60mm x 34mm
Battery type	4 AAA alkaline batteries
Battery Life	200 Hours