

Fluke 971 Temperature Humidity Meter

FLUKE®

The rugged pocket-sized solution to temperature and humidity measurements

Other IAQ tools from Fluke

Fluke CO-220 Carbon Monoxide Meter



Fluke 983 Particle Counter

Fluke. *Keeping your world up and running.*

Fluke Corporation
P.O. Box 9090
Everett, WA USA 98206

Fluke Europe B.V.
P.O. Box 1186
5602 BD Eindhoven
The Netherlands

Fluke (UK) Ltd.
52 Hurricane Way
Norwich
Norfolk
NR6 6JB
United Kingdom
Tel.: 0207 942 0700
Fax: 0207 942 0701
E-mail: industrial@uk.fluke.nl

For more information call:
In the U.S.A. (800) 443-5853
or Fax (425) 446 -5116
In Europe/M-East/Africa +31 (0)40 2 675 200
or Fax +31 (0)40 2 675 222
In Canada (905) 890-7600
or Fax (905) 890-6866
From other countries +1 (425) 446 -5500
or Fax +1 (425) 446 -5116
Visit us on the world wide web at:
<http://www.fluke.com>

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971 Temperature Humidity Meter Carbon Monoxide Meters

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Fluke 971

Fluke 971 Temperature Humidity Meter

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

- Simultaneously measures humidity and temperature
- Measures dew point and wet bulb
- 99 record storage capacity
- Min/Max/Avg Data Hold
- Ergonomic design with built-in belt clip and protective holster
- Backlit, dual readings display
- Twist-open protective cap
- Low battery indicator

Specifications

Temperature range	-20 °C to 60 °C
Temperature accuracy	
0 °C to 45 °C	± 0.5 °C
-20 °C to 0 °C and 45 °C to 60 °C	± 1.0 °C
Resolution	0.1 °C
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	± 2.5 % R.H.
<10 %, > 90 % R.H. @ 23 °C	± 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

Operating temperature:

Temperature: -20 °C to 60 °C

Humidity: 0 °C to 60 °C

Storage temperature: : -20 °C to 55 °C

Battery life: 4 AA alkaline, 200 hours

Safety: Complies with EN61326-1

Weight: 0.188 kg

Size (HxWxD): 194 mm x 60 mm x 34 mm

One Year Warranty

Included Accessories

Fluke CO-220 + CO-210

C50 soft carrying case and battery

CO-210 cord to plug into a digital multimeter

Ordering Information

Fluke 971 Temperature Humidity Meter

Fluke CO-220 Carbon Monoxide Meter

CO-205 Aspirator Kit

CO-210 Carbon Monoxide Probe

CO-220 Carbon Monoxide Meter

The CO-220 Carbon Monoxide Meter makes it easy to take quick and accurate measurements of CO levels. A large, backlit LCD display shows CO levels from 0 to 1000 PPM. The MAX Hold function stores and displays the maximum CO level. 1 year warranty.

CO-210 Carbon Monoxide Probe

As an accessory to a digital multimeter with dc mV inputs, the Fluke CO-210 displays CO levels from 0 to 1000 PPM. As a standalone device, the LED indicator and beeper trigger with increasing frequency as the CO level rises. 1 year warranty.

CO-205 Aspirator Kit

Allows flue gas samples up to 371°C to be drawn with the CO-210 or CO-220 for carbon monoxide measurement. 1 year warranty.



Fluke CO-220



Fluke CO-210



Fluke CO-205