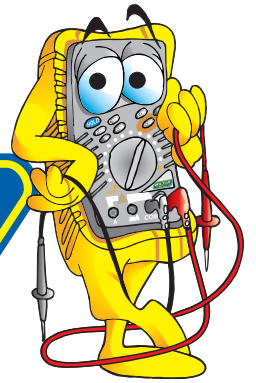


Thermo-Hygrometer

**MAJOR
TECH**



Technical Data

MT665

The MT665 is designed for ruggedness and reliability and offers unique features not previously available on the market. The MT665 is a RH meter and has an Infrared Thermometer with a spot to distance ratio of 8:1, plus a laser pointer. The RH probe can be disconnected so that the meter can be a standalone thermometer. The large clear backlit LCD displays the humidity and IR temperature simultaneously, the RH can be switched off and the ambient temperature and IR temperature can be displayed simultaneously. The ambient temperature range is from -20°C to 60°C. Other features include Max Hold which displays the maximum reading and Data Hold. This meter is ideal in other industries such as computer rooms, hospitals, tobacco industry, factories and offices and general use.

Features Include:

- 30% to 95% Humidity
- K-Type Thermometer
- Temperature from -50°C to 500°C
- Separate RH probe for easy access in hard to reach places
- Selectable 0.1°C or 1°C
- Large LCD dual display with function indication and backlight
- Simultaneously displays RH and temperature
- Auto Power Off
- Max record mode
- Data Hold function
- Selectable °C or °F

General Specifications

Display	: Dual LCD display for temperature and humidity with backlight
IR Measurement Ranges	: -50.0°C to 500°C / -58.0°F to 932°F
Humidity Ranges	: 0% to 100% RH
Sample Rate	: 2.5 times per second
Over Range Indication	: LCD will show "OL"
Polarity	: Automatic (no indication for positive polarity); Minus (-) sign for negative polarity.
IR Spectral Response	: 6 - 14um
Power Off	: Automatic shut off after 10 minutes, approx.
Operating Temperature	: 0°C to 50°C (32°F to 122°F)
Operating % RH	: Max 80% RH
Power Supply	: 9V Battery
Dimensions	: 150 X 75 X 40mm
Weight	: 200g



Infrared Thermometer Specifications

Range		Resolution	Accuracy
-50.0°C ~ 200.0°C	-50.0°C ~ -20.0°C	0.1°C	± 3.5% RH
	-20.0°C ~ 200.0°C		
200°C ~ 500°C		1°C	± (2% of reading or ± 2°C)
Range		Resolution	Accuracy
-58.0°F ~ 200.0°F	-58.0°F ~ -4.0°F	0.1°C	± 9°F
	-4.0°C ~ 200.0°F		± (2% of reading or ± 4°F)
200°F ~ 932°F		1°C	± (2% of reading or ± 4°F)
Note		1. Accuracy is given at 18°C to 28°C (64°F to 82°F) less than 80% RH 2. Accuracy specified is for emissivity of 0.95	
Emissivity Settings		0.95 fixed	
Distance Factor		D:S = Approx. 8.1 (D=distance, S=spot)	

Relative Humidity/ Air Temperature Specifications

Range	Resolution	Accuracy
5.0% RH ~ 95.0% RH	0.1% RH	± 3.5% RH
-20.0°C ~ 60.0°C	0.1°C	± 2°C
-4.0°F ~ 140.0°F	0.1°F	± 3°F
Note		1. Accuracy is given at 18°C to 28°C (64°F to 82°F) less than 80% RH 2. Reaction time humidity is about 80 sec, windstill 3. The measuring range is from 0% to 100%, but above 95% and below 5% the deviation is not specified.

Ordering Information

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