

Compact Digital Thermometers & Thermo-Hygro Meters



630

635

625

Model 630

K-type Thermocouple Compact Digital Thermometer

The 630 is a portable 3 1/2 digit, compact-sized dual input digital thermometer designed to use external K-type thermocouples as temperature sensors. This unit can display the temperature difference between it two inputs.

- Backlight
- Display Hold
- Max. Hold

Model 635

Compact Digital Infrared Thermometer

The 635 is a portable easy to use 3 digit, compact sized infrared digital thermometer with laser pointer, designed for simple one hand operation. Meter comes with Backlit LCD display, Auto-hold function and auto power down (20 seconds approx.) after releasing MEAS button to extend battery life.

- Laser pointer
- Reading Hold
- Adjustable Emissivity

Model 625

Compact Digital Thermo-Hygro Meter

The 625 is a portable 3 1/2 digit, compact-sized digital Thermo-Hygrometer designed for simplicity and one hand operation. It can measure and display an environment temperature and humidity in a fraction of a second.

- Backlight
- Display Hold
- Max. Hold

Specifications

	model
	630
Measurement Range	-58° to 2000°F (-50 to 1300°C)
Resolution	1°F/°C, 0.1°F/°C
Basic Accuracy	±(0.3% rdg + 1°)
Sensor Type	K-type thermocouple
Sample Rate	2.5 times per second
Operating Temp. & Humidity	32° to 104°F (0° to 40°C), at < 70% RH
Storage Temp. & Humidity	-4° to 140°F (-20° to 60°C), 0 to 80% RH with battery removed
Power Supply	9V battery
Battery Life	> 200 hours typical
Dimensions (HxWxD)	6.1 x 2.6 x 1.4" (156 x 65.5 x 35mm)
Weight	7.05 oz. (200g)

One Year Warranty

Specifications

	model
	635
Measurement	Range -4° to 1022°F (-20° to 550°C)
Resolution	1°C/F
Accuracy	+2% of reading or +6°F (3°C), whichever is greater
Spectral Response	6 to 14μm
Emissivity	0.10 to 1.00 by steps of 0.01
Field of View	2.5" Ø at 39" (65mmØ at 1000mm)
Sample Rate	1 time per second
Operating Temp. & Humidity	32° to 122°F (0° to 50°C), at < 70% RH
Storage Temp. & Humidity	-4° to 140°F (-20° to 60°C), 0 to 80% RH with battery removed
Power Supply	9V battery
Battery Life	> 200 hours typical
Dimensions (HxWxD)	6.7 x 2.6 x 1.4" (170 x 65.5 x 35mm)
Weight	6.7 oz. (190g)

One Year Warranty

Specifications

	model
	625
Measurement Range	Temperature: 32° to 140°F (0° to 60°C)
Humidity	0% to 100% RH.
Resolution	Temperature: 0.1°F/°C Humidity: 0.1% RH
Basic Accuracy	Temperature: ±1°F/°C Humidity: ±2.5% RH
Sensor Type	Temperature: Thermistor Humidity: Electronic capacitance polymer film sensor
Sample Rate	2.5 times per second
Operating Temp. & Humidity	32° to 131°F (0° to 55°C), at < 75% RH
Storage Temp. & Humidity	-68° to 131°F (-20° to 55°C), 0 to 80% RH with battery removed
Power Supply	9V battery
Battery Life	> 200 hours typical
Dimensions (HxWxD)	7 x 2.6 x 1.4" (178 x 65.5 x 35mm)
Weight	6.0 oz. (170g)

One Year Warranty

Mouser Electronics

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