# 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

## 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*

## 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

## 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*

## 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

| | 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) |

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