

# 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 its 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

|                            | 630   | model |
|----------------------------|---|-------|
| 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

|                            | 635   | model |
|----------------------------|---|-------|
| 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

|                            | 625  | model |
|----------------------------|--|-------|
| 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**