



hand-held digital thermometers

FM45

The FM45 is a simple-to-use hand-held thermometer featuring a large liquid crystal display, rubber boot and on/off key making it ideal for use in any environment.

The instrument can be used with an option to include general and air probes to enable the user to quickly and accurately measure different temperature requirements. These are connected via a simple dual 2-pin plug. The FM45's protective rubber boot can prevent accidental damage if the instrument is dropped, and is an essential part of any busy environment.

Features and Benefits

- Water resistant – operates in any environment
- Auto power off
- instrument automatically shuts off after 20 minutes of inactivity
- Field calibration – perform ice bath calibration via the front keypad

Specifications

- Input type: K-type thermocouple probe range and accuracy
- 58° to 32°F (-50° to 0°C) $\pm 3^{\circ}\text{F}$ (1.6°C)
- 32° to 1100°F (0° to 600°C) $\pm(0.3\%$ of reading, + 1.8°F (1°C))
- 1100° to 2462°F (600° to 1350°C) $\pm(0.4\%$ of reading, + 1.8°F (1°C))
- Display LCD, 4 digits, 9999 counts
- Update rate: 2.5 times per second
- Operating temperature: 32° to 122°F (0° to 50°C)
- Storage temperature: -13° to 158°F (-25° to 70°C)
- Power supply: 9-volt alkaline battery
- Battery life: 200 hours typical
- Size (HxLxW): 40mm x 190mm x 65mm (1.5" x 7.25" x 2.5")
- Weight: 315g (11.1 oz)

Push Buttons

- **°C/°F** - selects Centigrade of Fahrenheit
- **Min/Max** - selects min or max reading measured
- **T1/T2/ Δ T** - selects probe and differential mode
- **HOLD** - freezes the reading on the LCD

