

Professional Thermometer



Technical Data

MT635

The new MT635 is a dual input K-Type general purpose thermometer with a wide measuring range from -200°C to $+1372^{\circ}\text{C}$, all displayed simultaneously on a large backlit LCD. The MT635 displays a number of temperature readings such as T1, T2 and T1-T2. Features include a Max Hold for maximum readings, and Min Hold for the minimum reading obtained, Average record and Data Hold. The meter can measure temperature in various units $^{\circ}\text{C}$, $^{\circ}\text{F}$ and Kelvin (K).

Features Include:

- Dual K-Type inputs
- MIN/MAX Record mode
- K-Type Temperature from -200°C ~ 1372°C
- Selectable $^{\circ}\text{C}$ or $^{\circ}\text{F}$ and 0.1°C or 1°C resolution
- Large dual LCD display with backlight
- Data Hold function and Max Hold function
- Auto power off

General Specifications

Dimensions	: 165 X 76 X 43mm
Battery	: 9V
Operating Temperature	: 0°C to 50°C (4°F to $+122^{\circ}\text{F}$) Non condensing
Storage Temperature	: -10°C to $+50^{\circ}\text{C}$ (14°F to 122°F)
Temperature Range:	
K Type Thermocouples	: -200°C to 1372°C (-328°F to 2501°F)
Temperature Accuracy:	
T1, T2 Above -100°C (-148°F)	: $\pm(0.15\% \text{rdg} + 1^{\circ}\text{C})$ (1.8°F)
T1, T2 Blow -100°C (-148°F)	: $\pm(0.5\% \text{rdg} + 2^{\circ}\text{C})$ (3.6°F)
T1, T2	: $\pm(0.5\% \text{rdg} + 1^{\circ}\text{C})$ (1.8°F)
Display Resolution	: 0.1°C / $^{\circ}\text{F}$ / K < 1000°C 1°C / $^{\circ}\text{F}$ / K > 1000°C