

Thermometer



A thermometer is a scientific instrument used to measure temperature.

Temperature is a measure of how hot or cold something is.

Thermometers are essential tools in various fields, from weather forecasting to cooking.

Types of Thermometers:

1. **Liquid-in-Glass Thermometer:** A liquid-in-glass thermometer, by definition, is a glass capillary tube with a liquid-filled bulb at one end. As the temperature of the liquid in the reservoir increases, it expands and rises into the capillary tube.



2. **Digital Thermometer:** Digital thermometers are temperature-sensing instruments that are easily portable, have permanent probes, and a convenient digital display. The way a digital thermometer works depends upon its type of sensor. Sensor types include resistance temperature detector (RTD), thermocouple and thermistor.

