

Thermalert Clinical Monitoring Thermometers

- Ideal for laboratory or hospital use
- Safe battery operation
- High stability
- Precise, yet economical
- °C or °F reading on TH-8 thermometer

The TH-5 and TH-8 are the most economical thermometers in Physitemp's product line. Both of these thermometers offer the same high accuracy ($0.1^{\circ}\text{C} \pm 1$ digit) and resolution as all our other thermometers, but with a narrow temperature range.

The TH-5 and TH-8 are both ideally suited for either a laboratory or hospital setting where continuous temperature readings within the physiological range are sufficient.

The TH-5 has a temperature range of 25-45°C with a single probe input. The TH-8 has a broader temperature range of -10 to +60°C with 3 probe inputs. The TH-8 is also switchable from celsius to fahrenheit. For lab applications where recording is needed, the TH-5 and TH-8 can be supplied with analog output.

Both instruments are easy to use - just connect the sensors and switch on. For safety, both the TH-5 and TH-8 are battery operated. Battery life is approximately 1200 continuous hours. The digital display reads to 0.1°C with 0.1° accuracy ± 1 digit. The TH-5 & 8 thermometers accept all Type T thermocouple probes - see pages 4-8 for thermocouple probe information.

For information on temperature accessories including tilt stand (shown above), thermocouple switchboxes, etc... see pages 13-15.

For ordering information see page 34.



TH-8 and TH-5 Clinical Monitoring Thermometers

SPECIFICATIONS

Model No.	TH-5	TH-8
Temperature Range:	25° to 45°C	-10° to +60°C 14° to 140°F
Probe inputs:	Single input	3 inputs
Resolution:	0.1°C	0.1°C or °F
Accuracy:	0.1°C \pm 1 digit	0.1°C \pm 1 digit
Calibration:	Conforms to NIST Standards Tables. Monograph 175	Conforms to NIST Standards Tables. Monograph 175
Readout:	0.5" high LCD	0.7" high LCD
Power Supply:	Four "C" cells	Four "C" cells
Battery Life:	1200 hours continuous	2000 hours continuous
Analog Output:	Optional - Approx. 10mV per degree C	Optional - Approx. 10mV per degree C
Dimensions:	6"W x 2.5"H x 6.25"D	6"W x 3.25"H x 6.25"D
Weight:	2.5 lbs.	2.75 lbs.

SAFETY FEATURES

Test of Display:	Automatic. At switch-on, display briefly reads -1888, so testing all display segments.
Low Batteries:	Automatic 2-stage warning. Indicator flashes when 8 hours of life remain; becomes continuous when batteries must be replaced
Faulty Probe:	Display reads '0'
Leakage:	Less than 10 μ A at 60 Hz. Instruments are isolated from ground and from mounting supports, to withstand 5000 volts. Capacitance to ground is low to ensure compatibility with electro-surgical equipment.
Case:	High insulating plastic.