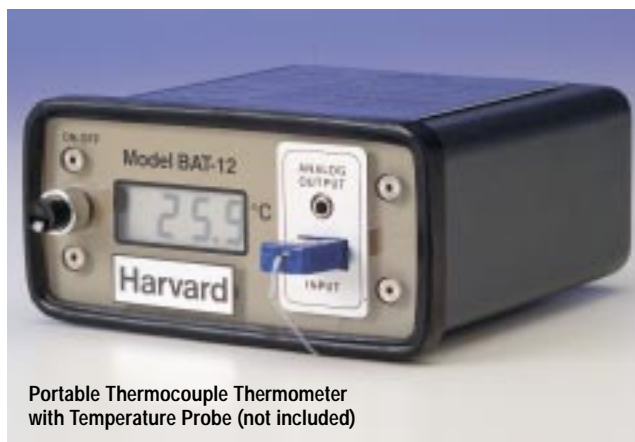


Thermocouple Probes and Thermometers



Portable Thermocouple Thermometer with Temperature Probe (not included)

Portable Thermocouple Thermometer

This accurate digital Thermocouple Thermometer can measure surface temperatures, liquids, and solids as well as any biological temperature.

This Thermometer is available for use with either a disposable 9 volt transistor battery, or for AC power with battery operation using rechargeable NiCad batteries and an integral battery charger.

It will operate for 120 hours with a single 9 volt battery. Automatic warnings indicate low battery or faulty probe.

This Portable Thermometer is completely waterproof, dustproof, and fume-proof because of its sturdy, sealed construction. It is supplied with a heavy-duty carrying case that can be worn like a camera, leaving the hands free.

- Superior accuracy: 0.1°C ±1 digit in physiological range, 0.1% ±1 digit over full range
- Fast readings to 0.1°C (usually in 2 to 5 seconds)
- Auto correction feature compensates for ambient temperatures from 0° to 50°C
- Analog output for strip chart recorders
- Choose from 39 different interchangeable Probes and Microprobes to meet all temperature needs,

Specifications

Temperature Range	-100° to +200°C
Resolution	0.1°C of reading ±1 digit
Accuracy (Instrument Only)	0.1°C ±1 digit between 0° to 50°C
Calibration	Conforms to NBS thermocouple tables within 1 digit
Ambient Temperature Compensation	Auto-corrected to 0.1°C from 0° to 50°C
Display	LCD, 3-1/2 digits, 13 mm (1/2 in) high
Sensor	Type 'T' Thermocouple, copper-constantan
Input Socket	Miniature 'T', quick disconnect, copper-constantan
Analog Output	Approximately 10 mV/°C
Battery	9 V transistor
Dimensions, H x W x D	12.7 x 6.4 x 15.2 cm (5 x 2-1/2 x 6 in)
Weight	0.9 kg (2 lb) including carrying case

Catalog No. Portable Thermocouple Thermometer

CGS 8373.41	With 9 V Disposable Batteries
CGS 8372.41	For AC or Rechargeable Batteries, 115 VAC, 60 Hz
CGS 8371.41	For AC or Rechargeable Batteries, 230 VAC, 50 Hz
CGS 8380.41	Two-Way Probe Selector
CGS 8379.41	Five-Way Probe Selector
CGS 8378.41	Tilt Base
CGS 8377.41	Pole Clamp
CGS 8376.41	Temperature Controller