

GENERAL INTRODUCTION

MODEL BAT-7001H is a high performance precision hand-held instrument for the measurement of temperature using type T (Copper-Constantan) Thermocouples. This versatile instrument measures temperature in both °C and °F. The internal memory of the micro-computer stores the minimum and maximum measured temperature for instant recall via the LCD display. BAT-7001H operates on a 9V battery.

INITIAL INSPECTION

Unpack carefully and inspect for any damage from shipment. If damage is found, notify Physitemp immediately. All packing materials should be saved until satisfactory operation is confirmed.

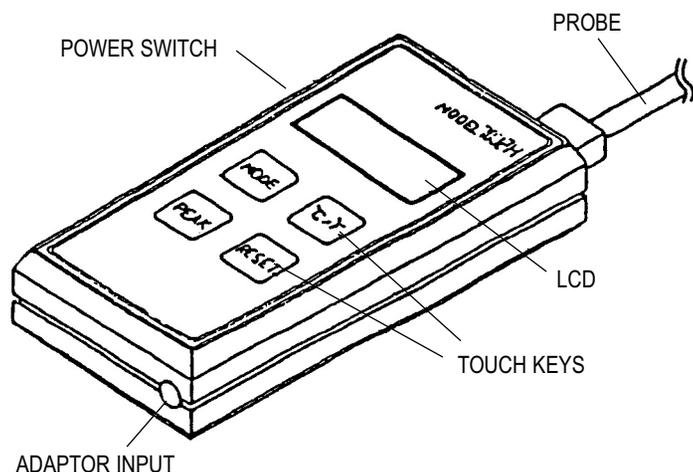
SPECIFICATIONS

Range: -90 to 400°C
-130 to 752°F

Resolution: 0.1°C
0.2°F

Accuracy: ±0.05% of reading. ±0.7°C or 1.3°F
Accuracy is specified for operating ambient temperature of 23°C ±5°C

Cold junction error for thermocouples: For operating ambient temperature from 0°C to +18° and +28°C to 50°C, add an additional error of ±0.03°C/°C or 0.03°F/°F



OPERATING INSTRUCTIONS

TOUCH KEYS:-Refer to Figure 1, above

1. The C/F key selects the readout for °C or °F
2. The readout will alternately display the maximum and minimum values when MIN/MAX is pressed.
3. The RESET key clears the minimum and maximum values stored in the memory of the micro-computer.

ERROR CODE:- Refer to Figure 1, above

1. HELP : Open sensor indication
2. HELP : Over range indication
3. -HELP : Under range indication

WARRANTY

Physitemp Instruments Inc warrants this instrument to be free from defects in material and workmanship for 12 months from the date of shipment. Repair or replacement will be made at the discretion of Physitemp if the defect is not the result of misuse or abuse. Physitemp accepts no consequential liability for delay in delivery, alleged faulty performance of the product or any other cause.

For your protection when returning this item, please pack it carefull and insure against possible damage or loss. Physitemp will not be responsible for damage resulting from careless packaging. Please return the unit freight prepaid.

OPERATING MANUAL BAT-7001H THERMOMETER

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