PROGRAMMABLE THERMOMETER

SERIES: HIT250

- > ONE / TWO INPUT CHANNELS
- ➢ PROGRAMMABLE INPUT (OPTION)
- CELSIUS OR FAHRENHEIT SELECTABLE
- > AUTO-POWER OFF FUNCTION
- > MINIMUM, MAXIMUM FUNCTION

DESCRIPTION

Indumart's HIT250 is a hand-held microprocessor based device for measurement of temperature in one or two points, using Pt-1000 or T/C types J, K and S. In addition, Indumart's programmable thermometer can also measure the temperature difference between two points.

HIT250 has a 4-digit display providing a resolution of 0.1°C within the range of -99.9 to +999.9 °C. Its features include: Auto Power-Off Function, Celsius or Fahrenheit selectable measuring unit and Min / Max. Function.

HIT250 is programmed and operated via a folio-type keyboard providing high degree of environmental protection for the unit. HIT250 can be supplied with two long-life or rechargeable 1.5 V, AAType batteries.

The unit is supplied with one or two temperature probes with M8 connectors.

The high accuracy and low power consumption of Indumart's HIT250 make it a widely applicable measuring instrument.

SPECIFICATIONS

Inputs Pt-1000 Thermocouple Type "J" Thermocouple Type "K" Thermocouple Type "S"	
Indication and Keyboard Digital Display Keyboard	4-Digit, 8-Segment LCD, 13 mm Folio-Type, 3 membrane keys
AccuracyMeasurement Error (Pt-1000)0.1% of SpanMeasurement Error (TC)0.3% of SpanNon-Linearity ErrorNegligible	

Cold Junction Compensation Temperature Drift Supply Voltage Variation

+/- 1°C 0.01% of Span for 1°C 0.05% of Span for 1°C



-10 to +65 °C

0 to 85 % RH

Operating Condition

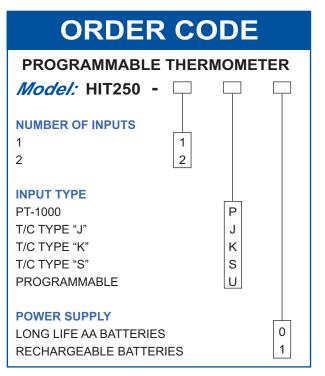
Operating Temperature Operating Humidity

Power Supply

Supply Voltage Two 1.5 V Batteries, Type: AA **Operating Consumption** Less than 3 mA Standby Consumption Less than 5 uA Auto Power-Off time Programmable from 0 to 30 min.

Physical Data

Case Material	Plastic
Probe Connection	4-Pin Socket M8
Dimensions	100 x 60 x 25 mm
Weight	Max. 110 g (with batteries)





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