

MICROCOMPUTER BASED PORTABLE DIGITAL THERMOMETER MODEL 7000CH/H SERIES

FEATURES

- CMOS microcomputer design
- Cold junction compensation
- Models available with:
K, J, T, N, R, S, Pt-100 and thermistor types
- Wide temperature ranges
- Error indicators
- Custom-made LCD displays
- Differential measurement
- 7000: single probe
- 7001: single probe
MIN/MAX and RESET keys
- 7002: dual probes
MIN/MAX, RESET and MODE Keys
- Burn-in for 100 hours
- Low cost



SPECIFICATIONS

@23°C±5°C

Material Type	Range	Resolution	Accuracy
Type K(B)	-222 to 1372°C	1°C	±0.05% of reading ±1.0°C
[Type K sensor]	-341 to 2500°F	1°F	±0.05% of reading ±1.8°F
Type K	-50.0 to 650.0°C	0.1°C	±0.05% of reading ±0.7°C
	-58.0 to 999.9°F	0.2°F	±0.05% of reading ±1.3°F
Type J	-50.0 to 640.0°C	0.1°C	±0.05% of reading ±0.7°C
	-58.0 to 999.9°F	0.2°F	±0.05% of reading ±1.3°F
Type T	-90.0 to 400.0°C	0.1°C	±0.05% of reading ±0.7°C
	-130.0 to 752.0°F	0.2°F	±0.05% of reading ±1.3°F
Type N	-194 to 1300°C	1°C	±0.05% of reading ±1.0°C
	-318 to 2372°F	1°F	±0.05% of reading ±1.8°F
Type R	0 to 1768°C	1°C	±0.05% of reading ±2.0°C
	32 to 3214°F	1°F	±0.05% of reading ±3.6°F
Type S	0 to 1768°C	1°C	±0.05% of reading ±2.0°C
	32 to 3214°F	1°F	±0.05% of reading ±3.6°F
Type PT-100	-150.0 to 540.0°C	0.1°C	±0.05% of reading ±0.4°C
	-238.0 to 999.9°F	0.2°F	±0.05% of reading ±0.8°F
Type Thermistor	-40.0 to 110.0°C	0.1°C	±0.05% of reading ±0.3°C
	-40.0 to 230.0°F	0.2°F	±0.05% of reading ±0.6°F

General

Operating temperature	0 to 50°C
Display	10mm high LCD
Power source	One conventional 9V battery or AC line adaptor
Dimensions	150 mm L x 70 mm W x 30 mm H
Weight	230 gms

ORDER INFORMATION

7000CH-KB

7000CH: Single probe, °C only
7000H: Single probe, °C/°F key

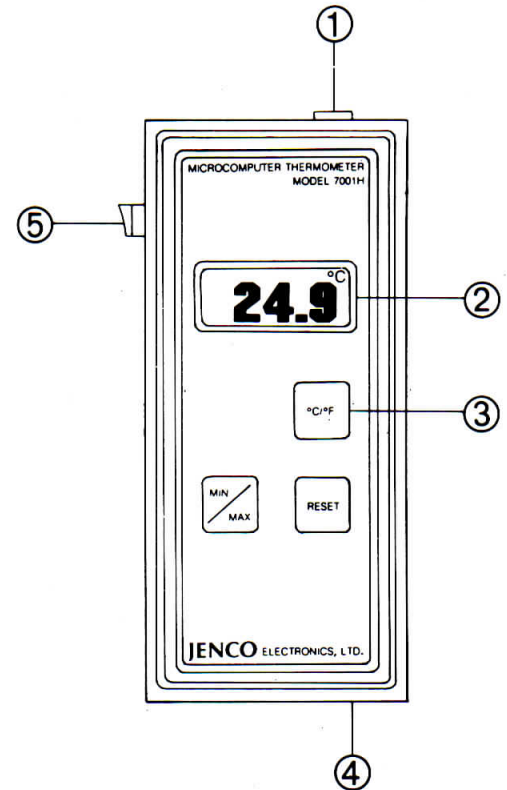
7001CH: Single probe,
MIN/MAX and RESET Keys

7001H: Single probe,
°C/°F, MIN/MAX and RESET keys

7002CH: Dual probes,
MIN/MAX, RESET and MODE Keys

7002H: Dual probes,
°C/°F, MIN/MAX, RESET and MODE Keys

Sensor types
KB [K type sensor]
K
J
T
N
R
S
PT (PT-100)
TH (Thermistor)



- ① PROBE CONNECTOR
- ② LCD DISPLAY
- ③ KEY
- ④ AC ADAPTOR CONNECTOR
- ⑤ ON/OFF SWITCH

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