

DIGITAL THERMOMETERS

**MULTI FUNCTION K/J/E/T/R/S/N TYPES
SINGLE / DUAL / TRIPLE / TETRAD CHANNELS
RS-232 INTERFACE, DATALOGGER**

**TM-7xx
series**

FEATURES

- 4 digits LCD display, Back Light
- Resolution 0.1°C/0.1°F, 1°C/1°F...
- Function keys: °C/°F/K, MAX, MIN, AVG, HOLD, REL, LIMIT, Hi/Lo, TYPE, COUNT, TIME, CLOCK, CHANNEL, T1-T2, T3-T4, BACK LIGHT, RS-232, REC, CALL.
- Auto power off/on, Low battery indication.
- RS-232 Interface With Window Software.
- 10000 records data logger for each channel.
- Call-fit to quick read memory data. (50 page/sec)
- With a perpetual calendar function.
- R03 (AB)/SIZE AAA 1.5V/UM-4 x 4pcs, battery life 500 hours



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SPECIFICATIONS

Thermocouples Measurement range	K Type: -100 °C ~ 1300 °C (-148 °F ~ 2372 °F) J Type: -100 °C ~ 1000 °C (-148 °F ~ 1832 °F) E Type: -50 °C ~ 800 °C (58 °F ~ 1472 °F) T Type: -100 °C ~ 400 °C (-148 °F ~ 752 °F) R/S Type: 0 °C ~ 1700 °C (32 °F ~ 3092 °F) N Type: -100 °C ~ 1300 °C (-148 °F ~ 2372 °F)
Accuracy (At 23 °C ± 5 °C, below 80% RH)	<u>K/J/E/T Type:</u> -100 °C ~ 1300 °C: ±(0.1 % rdg + 0.7 °C) -148 °F ~ 2372 °F: ±(0.1 % rdg + 1.4 °F) <u>R/S Type:</u> 0 °C ~ 1700 °C: ±(0.1 % rdg + 2 °C) 32 °F ~ 3092 °F: ±(0.1 % rdg + 4 °F) <u>N Type:</u> -100 °C ~ 1300 °C: ±(0.1 % rdg + 1.5 °C) -148 °F ~ 2372 °F: ±(0.1 % rdg + 3 °F)
Operation temperature and humidity	0 °C ~ 50 °C (32 °F ~ 122 °F), 0 ~ 80% RH
Storage temperature and humidity	-20 °C ~ 60 °C (-4 °F ~ 140 °F), 0 ~ 80% RH
Power supply	R03 (AB) SIZE AAA 1.5V/UM-4 × 4PCS
Input protection at thermocouple input	AC/DC 24V Maximum
Dimension: (Without holster)	164 mm X 76 mm X 32 mm
Weight	Approx. 270g

ORDERING INFORMATION

TM-7 SERIES

- 1. - Single Channel
- 2. - Dual Channel
- 3. - Triple Channel
- 4. - Four Channel

- 1. - K Type.
- 2. - K/J Types.
- 4. - K/J/E/T Types.
- 7. - K/J/E/T/R/S/N Types.

- Basic equipment (No Back Light)
- R** - RS-232 Interface (Include Back Light LCD)
- D** - RS-232+Data Logger (Include Back Light LCD)

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