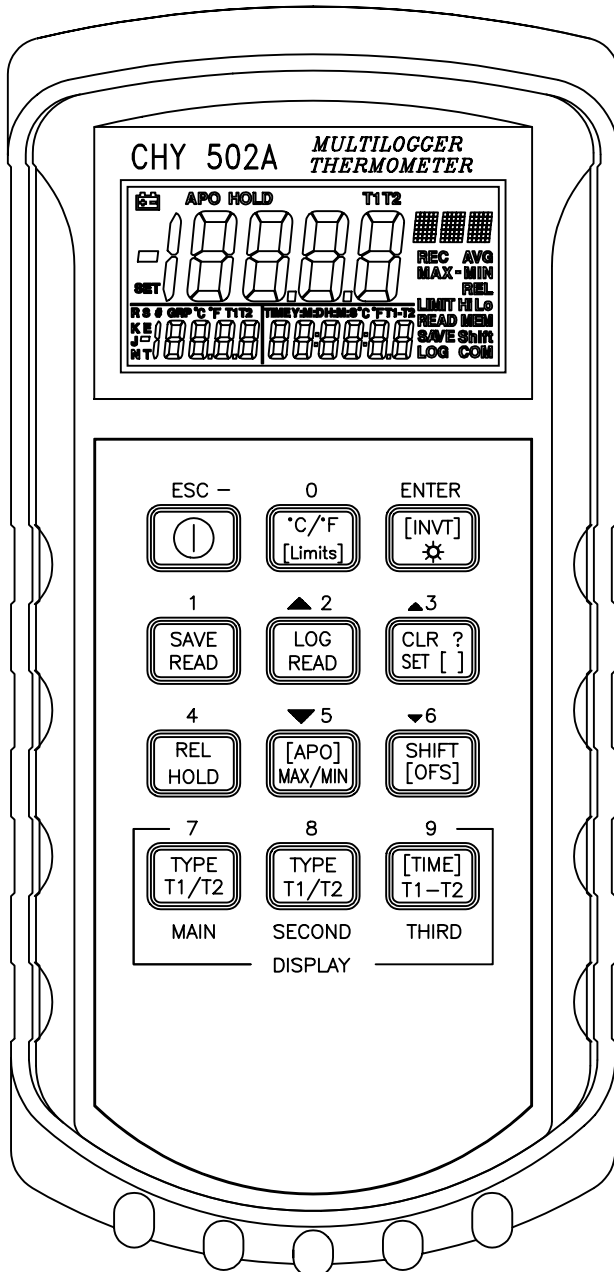
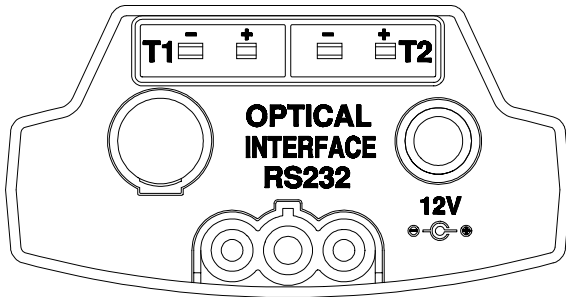


# MULTITYPE THERMOMETER AND DATALOGGER (K/J/T/E/R/S/N TYPES)

## MODEL: 502A



### FEATURES:

- Basic accuracy: 0.05%.
- 2 Channel Temperature Measuring: T1, T2 for various thermocouples.
- Triply display with set-able backlight: MAIN for T1, T2. SECOND for T1, T2. THIRD for T1-T2, TIME.
- DATA LOGGER FUNCTION
- Data logger capacity: Save data: 128 samples with read-time data. Data logger: 16 sets, Maximum 1024 data capacity.
- RS-232 interface with Windows software.
- Easy Reads Data with down and up key on meter.
- T/C Offset Adjust.
- REC, MAX, MIN, MAX-MIN, AVG, REL, HOLD function.
- T1, T2, T1-T2, Time and Memory No.
- Resolution 0.1°C/1°C, 0.1°F/1°F.
- Warning beeper with Hi/Lo setting.
- TIME, Record interval, APO time setting.
- Real time clock with calendar.
- Selectable Auto Power Off function.
- Programmable Hi-Lo Limits with mini-DIN output port.
- DC ADAPTER: 12V( battery(9V) or DC adapter.)
- CE-Mark Approval.

### TEMPERATURE SPECIFICATIONS

Thermocouple	Range
K-TYPE(0.1°, 1° for above 2000°F)	-200°C to 1372°C, -328°F to 2501°F
J-TYPE(0.1°, 1° for above 2000°F)	-210°C to 1200°C, -346°F to 2192°F
T-TYPE(0.1°)	-200°C to 400°C, -328°F to 752°F
E-TYPE(0.1°)	-210°C to 1000°C, -346°F to 1832°F
R-TYPE(1°)	0°C to 1767°C, 32°F to 3212°F
S-TYPE(1°)	0°C to 1767°C, 32°F to 3212°F
N-TYPE(0.1°, 1° for above 2000°F)	-50°C to 1300°C, -58°F to 2372°F

According to temperature standard ITS-90.

Accuracy: K/J/T/E-TYPE

- ±(0.05% rdg + 0.3°C) on -50°C to 1370°C
- ±(0.05% rdg + 0.7°C) on -50°C to -210°C
- ±(0.05% rdg + 0.6°F) on -58°F to 2501°F
- ±(0.05% rdg + 1.4°F) on -58°F to -346°F
- N-TYPE
- ±(0.05% rdg + 0.8°C) on -50°C to 0°C
- ±(0.05% rdg + 0.4°C) on 0°C to 1300°C
- ±(0.05% rdg + 1.6°F) on -58°F to 32°F
- ±(0.05% rdg + 0.8°F) on 32°F to 2372°F
- R/S-TYPE
- ±(0.05% rdg + 2°C) on 0°C to 1767°C
- ±(0.05% rdg + 4°F) on 32°F to 3212°F

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