

TEMPERATURE METER

CKT4000+ SERIES MULTI-CHANNEL TEMPERATURE METER

02



INTERFACE:

- USB
- RS485
- RS232 (OPTIONAL)

BRIEF INTRODUCTION

CKT4000+ series multi-channel temperature recorder uses 32-bit high-speed CPU for data processing, with 5-inch industrial display, support K/J/E/T/N/S/R/B type thermocouple input, multiple display modes, users can read various parameters more intuitively. The instrument has perfect functions, superior performance and simple operation, which can meet the needs of production, laboratory and R&D measurement. Widely used in lighting appliances, power tool household appliances, motors, electric heating appliances, etc.

FEATURES:

- 32-bit high-speed CPU for data processing
- Export record files, change to U disk function in seconds (the instrument is a U disk)
- Fast speed per channel: 0.1S
- Analyze and query in computer software

SPECIFICATION:

SPECIFICATIONS	
CKT4000+ Series Multi-channel Temperature Meter	
Graduation	Thermocouple: K/J/E/T/N/S/R/B
Basic Accuracy	0.2°C+2 words (not include thermocouple error)
Range	-200 ~ 1820°C (Varying depend on graduation)
Channel	8 channels per module, maximum 64 channels
Resolution	0.1 °C
Correction	Independent error correction for each channel $Y=kx+b$ (x =measured value)
Number of Files	64 (cyclic recording)
File Capacity	One file can record 130,000 groups (without distinguishing the number of channels)
U Disk Interface	Export record files, change to U disk function in seconds (the instrument is a U disk), directly view files and software
Recording duration	The recording interval of 1 second can record continuously for 97 days. The total duration of the calculation is equal to recording interval X 97 days.
Speed	Fast speed per channel: 0.1S, slow speed: 1S
Isolation Between Channels	AC/DC up to 350V, high voltage live measurement, super anti-interference ability
Control Output	Two groups of independent relay outputs, namely (H/L) and (HH/LL) relays
Alarm	One channel buzzer sound (when any alarm sounds, it can be muted)
Record Interval	1-9999 seconds arbitrarily set
Interface	USB interface, RS485 interface
Cold Junction Compensation	Accuracy: 0.5°C
Others	5-inch TFT true color LCD industrial touch screen 854*480 pixels; real-time list, curve (historical curve), bar graph, current alarm (historical alarm), file record list; this machine checks the record curve, historical alarm record, computer software analysis and query.
GENERAL FEATURES	
Power Supply	Voltage: AC85-265V±10%, frequency 50Hz/60Hz <10W
Size and Weight	Width 220X depth 293X height (including feet) 106mm, about 3kg
Environmental Conditions	5 ~ 40°C, 20% ~ 80%RH (no condensation)
ORDER INFORMATION	
Accessories	K type thermocouples (2m/piece), USB cable, data acquisition software, AC power cord, user's manual

STANDARD ACCESSORIES



K type thermocouples (1PCS/CH)



USB cable



AC power cord