

TEMPERATURE METER

CKT4000 SERIES MULTI-CHANNEL TEMPERATURE METER

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INTERFACE:

- USB
- RS485 (OPTIONAL)
- 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 tools, 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 records), file format: CSV (open directly with EXCEL)
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	None
Alarm	One channel buzzer sound (when any alarm sounds, it can be muted)
Record Interval	1-9999 seconds arbitrarily set
Interface	USB interface, optional RS485 interface and RS232 interface
Cold Junction Compensation	Accuracy: 0.5°C
Others	5-inch TFT true color LCD industrial touch screen 854*480 pixels; real-time list value, current alarm list, file record list; Analyze and query in computer software.
GENERAL FEATURES	
Power Supply	Voltage: AC85-265V±10%, frequency 50Hz/60Hz <10W
Size and Weight	Width 220xdepth 293xheight (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



CKT

Changzhou
ChuangKai Electronic Co.Ltd