



YC-7 Series Four-Channel, Handheld Data Logger Thermometer



Features

1. Large Easy to Read LCD Display
2. Resolution 0.1°C/0.1°F, 1°C/1°F
3. Functions: °C/°F/K, Max/Min/Avg, Hold, Rel, Limit, Type, Count, Time, Clock, Channel, T1-T2, T3-T4, Backlight, Rec, Call
4. USB Interface with Windows Software (Optional RS232 Cable Available)
5. Data Logging and Real Time PC Monitoring
6. Software Included (Windows® 7 and XP Compatible)
7. Data Logging Capacity 9999/Channel
8. Battery Life: 550 hr
9. CALL-Fit to Quick-Read Memory Data

The YC-7 Series is a rugged, easy-to-use thermometer with 4 standard miniature connector inputs. It accepts 7 different thermocouple types and displays all 4 inputs at the same time. It also provides differential temperature measurement readings of T3-T4, as well as individual readings of the 4 inputs. Other features are a low battery indicator, perpetual calendar, and auto power-off.






Standard Specification

Thermocouple Range	K Type	-100 to 1300°C (-148 to 2372°F)
	J Type	-100 to 1000°C (-148 to 1832°F)
	E Type	-50 to 800°C (-58 to 1472°F)
	T Type	-100 to 400°C (-148 to 752°F)
	R/S Type	0 to 1700°C (32 to 3092°F)
	N Type	-100 to 1300°C (-148 to 2372°F)
Accuracy(18 to 28°C Ambient)	K/J/E/T Type	±(0.1% rdg + 0.7°C) -100 to 1300°C
		±(0.1% rdg + 1.4°F) -148 to 2372°F
	R/S Type	±(0.1% rdg + 2°C) 0 to 1700°C
		±(0.1% rdg + 4°F) 32 to 3092°F
	N Type	±(0.1% rdg + 1.5°C) -100 to 1300°C
		±(0.1% rdg + 3°F) -148 to 2372°F
Data Logger Interval Rate	1 second to 59 minute 59 seconds	
LCD Update	1 per second	
Data Storage	9999 records per channel	
Operating Temperature Conditions	0 to 50°C (32 to 122°F) 0 to 80% RH	
Storage Temperature and Humidity	-20 to 60°C (-4 to 140°F) 0 to 80% RH	
Power Requirement	4 "AAA" batteries (included)	
Dimensions (Without Holster)	164 H x 76 W x 32 mm D(6.4 x 3 x 1.25")	
Weight	Approx 270 g (9.5 oz)	

Function

Model		YC-717	YC-727	YC-737	YC-747	YC-717UD	YC-727UD	YC-737UD	YC-747UD
Input	T1	V	V	V	V	V	V	V	V
	T2		V	V	V		V	V	V
	T3			V	V			V	V
	T4				V				V
T1-T2			V	V	V		V	V	V
T3-T4					V				V
Channel			V	V	V		V	V	V
°C/°F/K		V	V	V	V	V	V	V	V
0.1/1		V	V	V	V	V	V	V	V
MAX/MIN/AVG		V	V	V	V	V	V	V	V
Backlight						V	V	V	V
Count		V	V	V	V	V	V	V	V
HOLD		V	V	V	V	V	V	V	V
REL		V	V	V	V	V	V	V	V
Limit(Hi/Lo Critical point Alerts)		V	V	V	V	V	V	V	V
Auto power off (20minutes/disable)		V	V	V	V	V	V	V	V
Battery Indication		V	V	V	V	V	V	V	V
Perpetual Calendar		V	V	V	V	V	V	V	V
Interface						V	V	V	V
Data Logger	Capacity					9999/Channel			
	Read Memory Data					V	V	V	V
Accessories		DC-1.5V / UM-4 x 4pcs Housing x 1pc TP-01 K Type (YC-717 x 1, Others x 2) User's manual x 1pc				DC-1.5V / UM-4 x 4pcs Housing x 1pc TP-01 K Type (YC-717 x 1, Others x 2) User's manual x 1pc USB transmission wire x 1pc Temp Monitor S2 software CD x 1pc			

Optional

Model	Accessories	Description
TP-01		K type -40°C ~ 200°C
TP-02	 (2 Pin Mini Plug)	K type -50°C ~ 300°C
TP-05		K type -50°C ~ 400°C
7X USB transmission wire		Optocouplers design to USB interface
Temp Monitor S2		Choose three languages for English, traditional Chinese, simplified Chinese, Japanese. Save Data to *.TXT or *.XLS. Save BMP to *.jpg, *.png or *.emf.

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