USB Humidity and Temperature Data Logger

Model: KC-320B

Operation Manual

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Introduction

KC-320B USB humidity and temperature data logger is designed to record room temperature and humidity of places such as warehouses and computer rooms. The logger automatically keeps tracking temperature and humidity variations daily; and record both readings according to the rate set by users. Temperature/humidity readings and working status will be displayed on the 3 and half digit LCD. The portable size and user friendly interface makes it easy to use and install.

Features

1、 Readings and recording status are displayed by the 3 and half digit LCD "please refer to Display Illustration". Measurement range: temperature: -20 ℃ -70 ℃ ; Humidity: 0-100%RH;Internal EERROM memory, tracks and records 16300 groups of temperature and 16300 groups of relative humidity readings for as long as 12 months; User can download the data via included software;

2、 Data transmission via USB link.

3、 Using the included software, users are allowed to set up alarm limitation, measuring units, recording time interval .etc.

4、 The device could check the real time after connecting to the computer;

5、 The included software also supports data analysis, recorded data can be exported into a .txt file for further analysis. Recorded temperature and humidity readings can be displayed in a curve graph which can be printed and archived as well.

6、With the include CD, user can review the environment temperature, relative himidity, dew point, wet bulb temperature, GPP .etc, also have analysis curve lines;

Technical specification

Product name		USB Humidity and Temperature Data Logger
Model		KC-320B
Display Means		LCD display
Material		ABS engineering plastic housing, safe and reliable
Temperature	Range	-20℃~70℃(-4℉～158℉)
	Resolution	0.1℃
	Precision	±0.3℃
Humidity	Range	0-100%RH
	Resolution	0.1%RH
	Precision	±2%RH (10-90%RH)；±3%RH (0-10%RH、90-100%RH)
Date interface		USB 1.0/2.0
Software		Included
Power supply		DC3.6V/1200mAh lithium battery（1/2AA）
Working current		<0.5mA
Recommended usage environment		In places with standard atmospheric pressure and no high power EMF
Operating temperature		-20℃~70℃(-4℉～158℉)
Working humidity		0-100%RH non-condensing
Storage Condition		-20℃～70℃(-4℉～158℉)，≤85%（w/o batteries）
Size		132×28×31（mm）
Weight		About 52g（Stand included and battery not included）