FEATURES

- **High accuracy and fast response**

- **The large LCD screen**

- **Features an alarm display if user-defined maximum or minimum values are exceeded**

- **A memory of 67584 values**

RS PRO RS-172TK Data Logger for Humidity, Temperature Measurement

RS Stock No.: 146-9089

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Introducing the RS PRO RS-172 Data Logger. This device has been designed with a high accuracy temperature and humidity sensor that is ideal for monitoring and collecting data from environmental temperatures and humidity. The compact and portable data logger unit is suitable for use in a wide variety of applications for easy and convenient data collection.

General Specifications

Measurement Parameters	Temperature, Humidity
Number of Input Channels	1
Interface Type	USB
Display Type	Digital LCD
Alarm	Yes
Logging Rate	1sec to 12 hours
Readings	67580
Software	Windows98/2000/ XP/Vista/7
Includes	Clamshell, Software, 3.6 V Li-ion Battery
Applications	Environmental and weather monitoring, Agricultural and livestock, Food and drink, Building and site monitoring, HVAC

Measurement

Parameters	Range	Resolution	Accuracy
Temperature	-40°C to 70°C	0.1°C	±2.0°C
Humidity	0 to 100%	0.1%RH	±5.0%

Electrical Specifications

Power Source	Battery
Battery Type	Li-Ion
Battery Life	3months

Mechanical Specifications

Dimensions	94mm x 50mm x 32mm
Length	94mm
Width	50mm
Height	32mm
Weight	91g

Operation Environment Specifications

Operating Temperature Range	-40 to +70°C
Maximum Operating Temperature	70°C
Minimum Operating Temperature	-40°C

Approvals

Compliance/Certifications	RoHS Certificate of Compliance