

FEATURES

- Low cost and high performance
- USB interface
- Self-calibration feature
- Simple easy to use
- Display with LCD backlight

RS PRO Digital Thermometer

RS Stock No.: 910-6817



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

The L200 Pt100 / thermocouple thermometer can be used in conjunction with a PC providing accurate temperature measurement. This digital thermometer with a versatile 8 channel thermocouple and Pt100 not only scans but provides you with the logging of measured values. The temperature monitor can also be used as a stand-alone indicator and logger incorporating a digital display of the measured temperature. The system has a self-calibration facility which is built in for the thermocouple version and is a rapid and extremely convenient method for on-site calibration.

General Specifications

Measurement Parameters	Temperature
Number of Input Channels	8
Interface Type	USB
Display Type	LCD with Backlight
Sensor Type	Thermocouple
Alarm	No
Logging Rate	5seconds & 1 hour
Readings	512 sets of readings
Software	Supplied as standard on CD-ROM Remote control & measure: - Log readings to file Download to PC Logging, calibration
Calibrated service type	Self - Calibration
Applications	Food preparation , Storage facilities, Educational establishments, Environmental, R&D, Experimentation, Refrigeration/freezer plant monitoring, Museums and Galleries

Measurement

Parameters	Range	Resolution	Accuracy
Temperature	-200°C to 750°C	0.1°C	±0.05°C to +0.1°C

Electrical Specifications

Power Source	6Vdc (5.5-9.0V) via universal mains adaptor (supplied) 120-250V 50/60Hz
Plug Type	USB
Input Terminations	8 x thermocouple: mini connectors

Operation Environment Specifications

Operating Temperature Range	0°C to 50°C
Maximum Operating Temperature	50°C
Minimum Operating Temperature	0°C

Approvals

Compliance/Certifications	IEC 584 & IEC751 , RoHS compliant
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Accessories Includes

Item Name	Qty
USB Lead	1
PC Software and instruction Manual on a CD	1
Power supply adapter	1

