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High-precision Thermometer and Data Logger

Features:

The high-precision thermometer from 1-CUBE is designed for the most accurate temperature measurements with a measuring uncertainty of 0.002 °C. Thermometer is designed for record of temperature. Values are stored to a non volatile electronic memory. Data transfer to PC for further analysis is performed via USB.

Technical Data:

Measured Value	Temperature
Construction Type	For Two External Temperature Probes Pt100
Temperature Measuring Range	-80 to +170°C
Lcd Display	2- lines, 8- digits
Operating temperature range	-30 to +80°C
Accuracy of temperature measurement	0.002 °C
Resolution of the reading	0.001°C
Data logging interval	adjustable
Total memory capacity	300 samples of measurement
Data logging mode	noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new
Dimensions	100x150x50mm
Power	accumulator 9V
IP protection	IP67 - protected against influence of temporary immersion into water
Weight including battery	320g
Data transfer to the personal computer	via USB
Data can also be viewed in continuous mode and recorded with the provided software.	

