Multilogger - Low Cost Thermometer with 4 Thermocouple Inputs



code: M1200E

M1200E is a battery operated datalogger that allows to monitor the actual measured values on the device display or to work with historical data in Comet Vision, where you can create table charts, PDF export, MS EXCEL.
The device is designed for measuring and recording with 4 inputs for thermocouples K, J, S, B, T, N.
Included is traceable calibration certificate in accordance with EN ISO/IEC17025.
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Technical data

TEMPERATURE SENSOR - thermocouple K, N	
Measuring range	-200 to +1300 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple J	
Measuring range	-200 to +750 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple S	
Measuring range	0 to +1700 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple B	
Measuring range	100 to +1800 °C
Accuracy	± 0,3 % from the measured value + 1 °C in the range +300 to +1800 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple T	
Measuring range	-200 to +400 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
DC VOLTAGE	

Measuring range	-60 to +140 mV; -18 to +18 mV
Accuracy	±100 µV; ±20 µV
Resolution	0,1 µV
GENERAL TECHNICAL DATA	
Operating temperature	-10 to +60 °C
Channels	4x external temperature probe
Memory	1 000 000 values (noncyclic record), 600 000 values (cyclic record)
Recording interval	1s to 24 hours
Display and alarm refresh	each 10 s
Recording mode	noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new
Available temperature units	degrees Celsius, degrees Fahrenheit
Communication interface	USB
Power	3x AA alkaline battery 1.5 V
Battery life	3 - 4 weeks
Protection class	IP20
Dimensions (without connectors)	178 x 95 x 37mm, without attached cables
Weight (including batteries)	approx. 380 g
Warranty	3 years