



## RTD Thermometer Data Logger 1823

Cat. #2121.76

Designed for simplicity and one-hand operation.

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<b>Channels</b>	One with LCD display and backlit
<b>Input Connection</b>	One standard 3 prong RTD connector
<b>Sensor Type</b>	RTD100 or RTD1000
<b>Measurement Range</b>	-148 to +752°F (-100 to 400°C)
<b>Accuracy</b>	± (0.4% of R + 0.6°F/0.3°C)
<b>Resolution</b>	0.1°F or °C
<b>Other Functions</b>	MIN-MAX, Alarms
<b>Sampling Rate</b>	Programmable for 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr
<b>Recording</b>	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the defined default rate Programmed recording: start date, recording interval, and end date defined using DataView <sup>®</sup> software
<b>Memory</b>	1,000,000 measurements on each channel (2MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.
<b>Alarms</b>	Alarms threshold set using the software. Visual alert on the product, recording can be triggered on alarm thresholds.
<b>Communication</b>	USB 20 and Bluetooth 4.0 Range 10m typical
<b>Power Source</b>	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)
<b>Battery Life</b>	1000hrs., 3 years with 15 minute intervals
<b>Dimensions</b>	5.9 x 2.84 x 1.28" (150 x 72 x 32mm)
<b>Weight (with battery)</b>	9.2oz (260g) with batteries
<b>Case</b>	Polycarbonate
<b>Operating Temperature</b>	14° to 140°F (-10° to 60°C)
<b>Storage Temperature</b>	-4° to 140°F (-20° to 60°C)

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • [www.aemc.com](http://www.aemc.com)  
[customerservice@aemc.com](mailto:customerservice@aemc.com) • [techsupport@aemc.com](mailto:techsupport@aemc.com)

<b>Relative Humidity</b>	Up to 85% at 95°F (35°C)
<b>Ingress Protection (IP)</b>	IP50 with the USB cap on
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	IEC 61010-1
<b>Warranty</b>	2 years

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[customerservice@aemc.com](mailto:customerservice@aemc.com) • [techsupport@aemc.com](mailto:techsupport@aemc.com)

