# RTD Thermometer Data Logger 1823 (Discontinued)

**Cat. #2121.76**

Designed for simplicity and one-hand operation. (Discontinued. No Replacement)

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

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