

ENVIRONMENTAL TESTERS

TEMPERATURE

MODELS 1821, 1822 & 1823

Versatility & high performance temperature measurement



with USB
connector closed

DataView®

PRODUCT INCLUDES

Soft carrying case, 6 ft USB cable (type A to type B USB), K Thermocouple flexible sensor (1821 only), (2) K Thermocouple flexible sensor (1822 only), (1) 3 pin RTD connector (1823 only), (3) 1.5V AA alkaline batteries, printed quick start guide, and a USB drive with DataView® software and a user manual.



ACCESSORIES/REPLACEMENTS

Catalog #2138.66

6 ft USB cable

Catalog #5000.82

Adapter - 3-Prong Mini Flat Pin Connector (RTD)(1823 only)

Catalog #5000.44

MultiFlex Universal Mounting System

Catalog #2154.71

Carrying Pouch

Catalog #2153.78

Adapter - US Wall Plug to USB

Catalog #2122.31

Shock Proof Housing

FEATURES

- Selectable Thermocouple type, J, K, T, N, E, R, S (1821 & 1822)
- Single and dual channel (1821 & 1822)
- Dual line display (1822)
- RTD temperature measurement (1823)
- Works with 100 or 1000 Ohm platinum sensor (1823)
- User selectable temperature units, °F, °C
- Min and Max measurements stored
- HOLD function freezes the display
- Spot or continuous recording up to 1 million measurements
- Blue luminescent backlit display
- Programmable store on alarm function
- Magnetic mount
- Programmable alarms through software
- DataView® graphing and analysis software included
- Battery or USB powered
- Free app for Android™ from the Google® Play Store

CATALOG NO.	DESCRIPTION
2121.74	Thermocouple Thermometer Data Logger Model 1821
2121.75	Thermocouple Thermometer Data Logger Model 1822
2121.76	RTD Thermometer Data Logger Model 1823



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TEMPERATURE DATA LOGGERS MODELS 1821, 1822 & 1823

	1821 Thermocouple Thermometer	1822 Thermocouple Thermometer	1823 RTD Thermometer
	J, K, T, N, E, R, S: 1 channel	J, K, T, N, E, R, S: 2 Channel	Pt100, Pt1000: 1 Channel
MEASUREMENTS			
Measurement Range	J: 210 to + 1,200 °C / -346 to + 2,192 °F K: 200 to + 1,372 °C / -328 to + 2,501 °F T: 250 to + 400 °C / -418 to + 752 °F N: 200 to + 1,300 °C / -328 to + 2,372 °F E: 150 to + 950 °C / -238 to + 1,742 °F R,S: 0 to + 1,767 °C / 32 to + 3,212 °F		- 100 to + 400°C -148 to + 752°F
Resolution	Display in °C: $\emptyset < 1,000$ °C : 0.1 °C and $\emptyset \geq 1,000$ °C : 1 °C Display in °F: $\emptyset < 1,000$ °F : 0.1 °F and $\emptyset \geq 1,000$ °F : 1 °F		Display in °C : 0.1°C Display in °F : 0.1°F
Accuracy (°C) J, K, T, N, E: <			