LRP LAB RESEARCH PRODUCTS

Temperature Monitoring Devices

Temperature Monitoring Equipment

CDC recommends (and VFC requires) using only calibrated temperature monitoring devices with a Certificate of Calibration

American Biotech Supply provides a range of temperature monitoring solutions that are compliant with CDC, VFC, and State Boards of Pharmacy Guidelines.

	LRP-TMD-18	LRP-DDL1-18	LRP-USB-DDL-18 (-80)	LRP-DDL2-18	LRP-WF-DDL-18	LRP-WF-DDL-18 (-80)
OPERATION TEMPERATURE RANGE	-50°C TO 70°C (-58°F TO 158°F)	-50°C TO 60°C (-58°F TO 140°F)	-90°C TO 105°C (-130°F TO 221°F)	-50°C TO 60°C (-58°F TO 140°F)	-40°C TO 128°C (-40°F TO 254°F)	-90°C TO 105°C (-130°F TO 221°F)
ACCURACY	± 0.5°C	± 0.25°C	± 0.2°C	± 0.25°C	± 0.15°C	± 0.1°C
READOUT RESOLUTION	0.1°	0.01°	0.01°	0.01°	0.01°	0.01°
COMPLIES WITH CURRENT CDC GUIDELINES	✓	✓	✓	✓	✓	✓
COMPLIES WITH CURRENT VFC GUIDELINES		✓	✓	✓	✓	✓
COMPLIES WITH CURRENT CFR GUIDELINES	✓	✓	✓	✓	✓	✓
2 YEARS CERTIFICATION OF CALIBRATION	✓	✓	✓	✓	✓	✓
"BUFFERED" PROBE IN SAMPLE SIMULATED SOLUTION	✓	✓		✓	✓	
°F/°C SWITCHABLE READOUT	✓	✓	✓	✓	✓	✓
MIN/MAX HISTORICAL TEMPERATURE POINT	✓	✓	✓	✓	✓	✓
NUMBER OF DETACHABLE PROBES	1	1	1 Stainless Steel	2	2	1 Stainless Steel
HIGH/LOW TEMPERATURE, VISUAL AND AUDIBLE ALARMS	✓	✓	✓	✓	✓	✓
LOW BATTERY INDICATOR		✓	✓	✓	✓	✓
USER PROGRAMMABLE LOGGING INTERVAL		✓	✓	✓	✓	✓
STORE UP TO 3 YEARS OF DATA (30 MINUTE INTERVALS)		✓	✓	✓	✓	✓
TEMPERATURE DATA DOWNLOADABLE VIA USB DRIVE (NOT INCLUDED)		✓	✓	✓		
TEMPERATURE DATA DOWNLOADABLE VIA WIFI NETWORK					✓	✓

*Please contact our customer service team to confirm compatibility and discuss the best option(s) for your specific requirements

LAB RESEARCH PRODUCTS

LRP-TMD-18

Simplest/most economic method of **meeting CDC guidelines.** This monitoring device features a detachable single probe, visual and audible alarms, a F°/C° switchable readout and comes with a 2-year certificate of calibration.

Operating Temperature Range: **-50°C to 70°C (-58°F to 158°F)**
Accuracy: ± **0.5°C**

LRP-DDL1-18

Meets CDC guidelines and has **data logging for VFC compliance.** This digital data logger features a detachable single probe, visual and audible alarms, a F°/C° switchable readout and comes with a 2-year certificate of calibration. Up to 3 years of data can be stored (30 minute intervals) and is downloadable via USB drive (not included).

Operating Temperature Range: **-50°C to 60°C (-58°F to 140°F)**
Accuracy: ± **0.25°C**

LRP-DDL2-18 (-80)

Meets CDC guidelines, **has data logging for VFC compliance.** Ideal for monitoring ultra-low temperature freezers. Comes with 1 RTD stainless steel probe with 10ft PTFE cable. Rolling memory retains temperature observations. Memory can be cleared after downloading data and alarm events. Store up to 10 unique alarm events. Transfer data recorded in a CSV format to any computer via a USB flash drive (not included).

Operating Temperature Range: **-90°C to 105°C (-130°F to 221°F)**
Accuracy: ± **0.2°C**

LRP-DDL2-18

Meets CDC guidelines, **has data logging for VFC compliance. This digital data logger is designed to be used with refrigerator/freezer combinations or two units adjacent to each other.** It also features detachable dual probes, visual and audible alarms, a F°/C° switchable readout and comes with a 2-year certificate of calibration. Up to 3 years of data can be stored (30 min. intervals) and is **downloadable via USB drive** (not included).

Operating Temperature Range: **-50°C to 60°C (-58°F to 140°F)**
Accuracy: ± **0.25°C**

LRP-WF-DDL-18

Meets CDC guidelines, **has data logging for VFC compliance.** This data logger is designed to be used with single or dual probes. It features visual and audible alarms, a F°/C° switchable readout and comes with a 2-year certificate of calibration. Up to 3 years of data can be stored (30 min. intervals) and is downloadable via WiFi network.

Operating Temperature Range: **-40°C to 128°C (-40°F to 254°F)**
Accuracy: ± **0.15°C**

LRP-WF-DDL-18 (-80)

Meets CDC guidelines, **has data logging for VFC compliance.** This wireless digital data logger thermometer connects easily to WiFi network and provides continuous data transmission to the cloud-based interface. Audible and visual alarms helps those present in the lab identify any out-of-range conditions. Designed for Ultra-Low (ULT) freezers and monitors temperatures below –80°C ensuring critical samples are not compromised. Includes an FEP cable.

Operating Temperature Range: **-90°C to 105°C (-130°F to 221°F)**
Accuracy: ± **0.1°C**

v.1.1_02282022