Data Logger Comparison Table

VeriCor carries the most popular models of data loggers made by the best manufacturer in the business.

Features	TM-6430/6431	TM-6440/6441	TM-6500
Manufacturer	Control Company	Control Company	Control Company
ISO 17025 Calibration Certificate	Yes	Yes	Yes
Detachable Probe (in buffered material)	Yes	Yes	Yes
Current/Minimum/Maximum Display	Yes	Yes	Yes (not at same time)
Out-of-Range Alarm	Audible & Visual	Audible & Visual	Audible & Visual
Accuracy	±0.25°C	±0.25°C	±0.25°C
Logging Interval (reading rate)	Programmable	Programmable	Programmable
Storage (readings capacity)	525,600	1,051,200	672
Writes Over Old Data	Yes	No	Yes
Battery/Power	AAA (2) + internal + power cord	AAA (2) + internal + power cord	AAA (4)
Connects to internet via WiFi	No	No	Yes
Temperature Range	-50° to 70°C (-58° to 158°F)	-50° to 70°C (-58° to 158°F)	-50° to 60°C (-58° to 140°F)
Dimensions & Weight	2¾" x 4¼" x ¾" @ 5oz	2¾" x 4¼" x ¾" @ 5oz	6" x 2¾" x ¾" @ 6oz
Included *(other than logger, cable, probe, flip-open stand, Velcro®, magnetic strips, batteries, certificate)*	Universal AC Adapter	Universal AC Adapter	Quick Start Guide Universal AC Adapter

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Temperature Monitoring & Data Logger Comparison Table

VeriCor carries the most popular models of temperature monitors and data loggers made by the best manufacturer in the business.

Features	TM-5650	TM-6430/6431	TM-6440/6441	TM-6500
Manufacturer	Control Company	Control Company	Control Company	Control Company
ISO 17025 Calibration Certificate	Yes	Yes	Yes	Yes
Data Logging	No	Yes	Yes	Yes
Detachable Probe (in buffered material)	Yes	Yes	Yes	Yes
Current/Minimum/Maximum Display	Yes	Yes	Yes	Yes (not at same time)
Out-of-Range Alarm	Audible & Visual	Audible & Visual	Audible & Visual	Audible & Visual
Accuracy	±1°C	±0.25°C	±0.25°C	±0.25°C
Logging Interval (reading rate)	-	Programmable	Programmable	Programmable
Storage (readings capacity)	-	525,600	1,051,200	672
Writes Over Old Data	-	Yes	No	Yes
Battery/Power	AA (1)	AAA (2) + internal + power cord	AAA (2) + internal + power cord	AAA (4)
Temperature Range	-50° to 70°C (-58° to 158°F)	-50° to 70°C (-58° to 158°F)	-50° to 70°C (-58° to 158°F)	-50° to 60°C (-58° to 140°F)
Dimensions & Weight	2¾" x 5¼" x ¾" @ 4oz	2¾" x 4¼" x ¾" @ 5oz	2¾" x 4¼" x ¾" @ 5oz	6" x 2¾" x ¾" @ 6oz
Included *(other than logger, cable, probe, flip-open stand, Velcro®, magnetic strips, batteries, certificate)*	-	Universal AC Adapter	Universal AC Adapter	Quick Start Guide Universal AC Adapter

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Temperature Monitoring & Data Logger CDC/VFC Compliance Table

TM-5650

TM-6430, 6431

TM-6440, 6441

TM-6500

CDC Requirements (for VFC vaccines or vaccines purchased with public funds)	Basic	Loggers	Loggers	Logger/Wi-Fi
Traceable® certificate supplied (traceable to NIST)	✓	✓	✓	✓
Calibration report included	✓	✓	✓	✓
Annual recalibration by ILAC/MRA accredited laboratory available	✓	✓	✓	✓
CDC Recommendations*				
Detachable probe in a thermal buffered material	✓	✓	✓	✓
Calibration certificate includes methods, procedures, uncertainties & results	✓	✓	✓	✓
Can display current temperature and minimum/maximum memory	✓	✓	✓	✓
Minimum/maximum memory reset	✓	✓	✓	✓
Alarm for out-of-range temperatures	✓	✓	✓	✓
Digital display easily readable from outside the storage unit	✓	✓	✓	✓
Low-battery indicator	✓	✓	✓	✓
Minimum uncertainty of ±0.5°C (±1°F)		✓	✓	✓
Continuous monitoring and active display		✓	✓	✓
User programmable logging intervals		✓	✓	✓
Data can be downloaded using software or retrieved from a website		✓	✓	✓
Data will not overwrite when full			✓	✓
Capable of storing 4,000 readings		✓	✓	

**Each individual state/local health department immunization program may have specific requirements. Consult your immunization program for more information. Recommendations and requirements are subject to change without prior notice.*

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VERICOR LLC
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Traceable® Fridge/Freezer Temperature Monitoring Kit

Model: TM-5650

The Traceable® Fridge/Freezer Temperature Monitoring Kit reliably monitors the temperature and alerts you of excursions without opening the door/container. This calibrated digital thermometer has a detachable, GRAS, glycol-encased probe (recommended by the CDC) to insulate the readings from rapid temperature changes (i.e. when a door is opened). The integrated alarm bar lights up and buzzes if an excursion occurs (the alarm light also glows orange within 1 degree of alarm settings). The triple display simultaneously shows minimum, maximum, and current temperatures for effective monitoring. VeriCor is a proud distributor of Traceable® products.

Features

- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)
- 10 foot micro-thin cable
- Integrated stand & magnet

Specifications

Temperature Range
-50° to 70°C (-58° to 158°F)

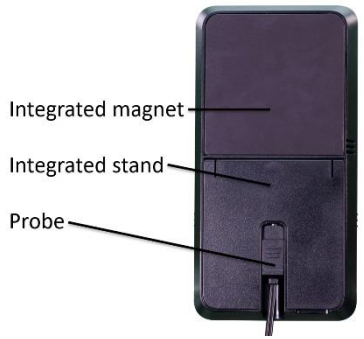
Resolution
1°

Accuracy
± 1° C

Dimensions & Weight
2¾" x 5¼" x ¾" @ 7oz

Front Panel Open

Back Features



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Traceable® Excursion-Trac™ Temperature Monitoring & Data Logger Kit

Model: TM-6430

The Traceable® Excursion-Trac™ Temperature Monitoring & Data Logger Kit provides accurate temperature readings, ideal for monitoring temperatures while storing vaccines or other important samples. The data logging feature monitors the high and low readings in 1 minute intervals and is capable of storing over 500,000 data points. Memory on the unit can be cleared after downloading data to a USB stick. VeriCor is a proud distributor of Traceable® products.

Features

- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)
- Stores time and dates of excursions
- USB download (CSV file)

Specifications

Temperature Range
-50° to 70°C (-58° to 158°F)

Resolution
0.01°

Accuracy
± 0.25°C

Dimensions & Weight
2¾" x 4¼" x ¾" @ 5oz

10' Probe Cables/1 Probe

USB Capability

**plug in flash drive to download (flash drive not included)*

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Traceable® Excursion-Trac™ Dual Zone Temperature Monitoring & Data Logger Kit

Model: TM-6431

The Traceable® Excursion-Trac™ Dual Zone Temperature Monitoring & Data Logger Kit provides accurate temperature readings, ideal for monitoring two temperatures while storing vaccines or other important samples. The data logging feature monitors the high and low readings in 1 minute intervals and is capable of storing over 500,000 data points. Memory on the unit can be cleared after downloading data to a USB stick. VeriCor is a proud distributor of Traceable® products.

Features

- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)
- Stores time and dates of excursions
- USB download (CSV file)

Specifications

Temperature Range
-50° to 70°C (-58° to 158°F)

Resolution
0.01°

Accuracy
± 0.25°C

Dimensions & Weight
2¾" x 4¼" x ¾" @ 5oz

10' Probe Cables/2 Probes

USB Capability

**plug in flash drive to download (flash drive not included)*

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Traceable® Memory-Loc™ Temperature Monitoring & Data Logger Kit

Model: TM-6440

The Traceable® Memory-Loc™ Temperature Monitoring & Data Logger Kit provides accurate temperature readings, ideal for monitoring temperatures while storing vaccines or other important samples. The data logging feature monitors the high and low readings in 1 minute intervals and is capable of storing over 1 million data points. Raw data is locked and may not be cleared or changed on base unit. VeriCor is a proud distributor of Traceable® products.

Features

- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)
- Stores time and dates of excursions
- USB download (CSV file)

Specifications

Temperature Range
-50° to 70°C (-58° to 158°F)

Resolution
0.01°

Accuracy
± 0.25°C

Dimensions & Weight
2¾" x 4¼" x ¾" @ 5oz

10' Probe Cables/1 Probe

USB Capability

**plug in flash drive to download (flash drive not included)*

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Traceable® Memory-Loc™ Dual Zone Temperature Monitoring & Data Logger Kit

Model: TM-6441

The Traceable® Memory-Loc™ Dual Zone Temperature Monitoring & Data Logger Kit provides accurate temperature readings, ideal for monitoring two temperatures while storing vaccines or other important samples. The data logging feature monitors the high and low readings in 1 minute intervals and is capable of storing over 1 million data points. Raw data is locked and may not be cleared or changed on base unit. VeriCor is a proud distributor of Traceable® products.

Features

- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)
- Stores time and dates of excursions
- USB download (CSV file)

Specifications

Temperature Range
-50° to 70°C (-58° to 158°F)

Resolution
0.01°

Accuracy
± 0.25°C

Dimensions & Weight
2¾" x 4¼" x ¾" @ 5oz

10' Probe Cables/2 Probes

USB Capability

**plug in flash drive to download (flash drive not included)*

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VERICOR LLC
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TraceableLIVE® Dual Zone Temperature Monitoring & Data Logger Kit

Model: TM-6500

**REQUIRES TRACEABLELIVE® SUBSCRIPTION*

The TraceableLIVE® Dual Zone Temperature Monitoring & Data Logger Kit allows you to monitor sensitive products wirelessly directly from your computer, tablet or smartphone. Dual glycol filled bottle probes provide accurate temperature readings, ideal for monitoring two temperatures while storing vaccines or other important samples. Audible and visual alarms help to identify any out-of-range conditions. VeriCor is a proud distributor of Traceable® products.

Features

- Provides continuous data transmission to the cloud-based interface via WiFi
- Traceable to NIST for accuracy
  - Certificate included
- Records high/low readings
- Signals out-of-range conditions (visual & audible)

Specifications

Temperature Range
-50° to 60°C (-58° to 140°F)

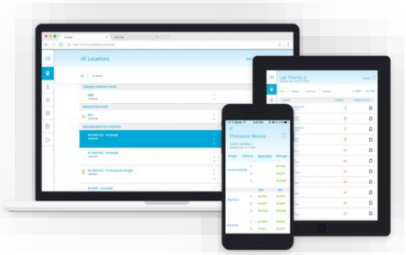
Resolution
0.01°

Accuracy
± 0.25°C

Dimensions & Weight
6” x 2¾” x ¾” @ 6oz

9’ Probe Cables/2 Probes

TraceableLIVE® APP
**monitor your environment wherever you go*



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