

The Complete Solution

For Chart Recorders And Data Loggers.



Dickson.

Dickson Means Data.

And we mean business too. We know that products, processes, buildings, and monitoring application is vital to your business. For that reason, Dickson has been designing and manufacturing reliable data logging devices for over 80 years and continues to do so today.

Calibration Club.

Dickson understands that, while it is extremely important, remembering to calibrate your instruments isn't always your top priority. For this reason, Dickson has created the Calibration Club to make the process as painless as possible; we remember for you, with email reminders sent as far in advance as you like.

Ensuring a regular calibration schedule is important because all units lose accuracy over time and making sure that the unit reads to its specifications means the data you receive is reliable.

The Calibration Club (www.DicksonData.com/calclub) allows you to add your monitoring devices (both Dickson and non-Dickson models can be added) to a database that will send you regular reminders of when your devices are in need of calibration. This helps you easily organize your quality control process ultimately keeping you compliant.

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Calibration Club

Your Instruments

[Add Instrument](#)

	VENDOR	MODEL	LOCATION	SERIAL NUMBER	LAST CALIBRATION	
Calibrate	Dickson	SM320	Dickson	12345678	05/20/2011	Edit Delete
Calibrate	Dickson	SM325	Tissue Refrigerator	43584239	11/09/2011	Edit Delete
Calibrate	Dickson	HT220	Cal Lab1	8764532	11/12/2011	Edit Delete
Calibrate	Dickson	KT625	Warehouse	23431252	11/12/2011	Edit Delete

Compact-Sized Report Logger

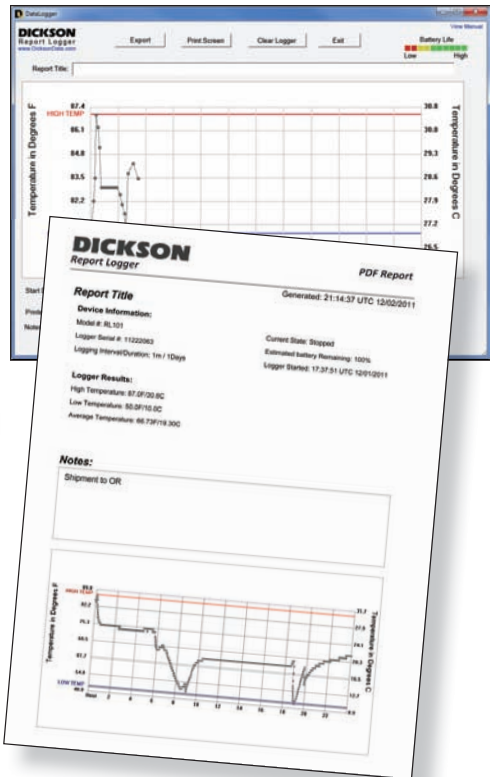
No Software!

Features

- Reusable
- Connects directly to your computer via USB
- No cables

For an online product demonstration video, go to: www.DicksonData.com/RL

MODEL NUMBER	LOGGING PERIOD	SAMPLE RATE	OPERATING TEMPERATURE RANGE
RL101	1 Day	1 Minute	-40 to 176°F (-40 to 80°C)
RL103	3 Day	1 Minute	-20 to 176°F (-30 to 80°C)
RL107	7 Day	1 Minute	-4 to 176°F (-20 to 80°C)
RL110	10 Day	1 Minute	-4 to 176°F (-20 to 80°C)
RL120	20 Day	2 Minute	32 to 176°F (0 to 80°C)
RL140	40 Day	4 Minute	32 to 176°F (0 to 80°C)
RL175	75 Day	7 Minute	32 to 176°F (0 to 80°C)
RL190	90 Day	9 Minute	32 to 176°F (0 to 80°C)



Sample report generated by the compact-sized RL Report Loggers

Temperature Data Logger

SM300 Range -4 to 158°F, -20 to 70°C.
Accuracy ±0.8°F.

SM320* Remote Probe. Range with Probe
-300 to 2000°F. Accuracy ±1.8°F.

SM325* Two Remote Probes. Range with Probe
-300 to 2000°F. Accuracy ±1.8°F.

SM420 Remote Probe. Range -50 to 350°F,
-45 to 176°C. Accuracy ±0.5°F.



Calibration Options Available

SM320 Temperature Model With Remote Probe

Temperature/Humidity Data Logger

Industries & Applications

- Warehouses
- Archives
- Surgical Suites
- Laboratories

TM320 Range -4 to 158°F, -20 to 70°C. Accuracy ±0.8°F.

TM325 Remote Probe. Range -40 to 185°F, -40 to 85°C.
Accuracy ±0.8°F.

Calibration Options Available



TM325 Temperature Model With Remote Probe

Not for use over 95% RH. Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit www.DicksonData.com.
*Temp Range using standard K-TC probe: -300 +500°F (A203 probe required for +2000°F range).

Digital Graph Displays Trends

Full control at your fingertips!

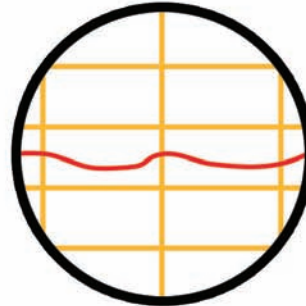
- Jumbo 4.1" x 5.5" touchscreen temperature and temperature/humidity logger
- Zoom and scroll at the touch of the screen
- Audible/visual alarms
- USB and FLASH card data download
- Rechargeable battery backup
- No running back to your PC to see data. Everything you need at the touch of a finger!

Calibration Options Available

FT500



Standard View



View precise data for any excursions

MODEL	REMOTE PROBE	PROBE TYPE	TEMPERATURE RANGES	ACCURACY	RELAYS
TEMPERATURE/HUMIDITY					
FH525	•		-40°F to 185°F	±0.8°F	
FH535	•		-40°F to 185°F	±0.8°F	•
TEMPERATURE					
FT500			0 to 122°F	±1.2°F	
FT525	•	Thermistor	-40°F to 300°F	±0.5°F	
FT520	1	KT/C	-300°F to 2000°F	±1.8°F	
FT530	2	KT/C	-300°F to 2000°F	±1.8°F	•
FT540	1	Thermistor/Glycol	-58°F to 158°F	±1.2°F	
FT545	2	Thermistor/Glycol	-58°F to 158°F	±1.2°F	

For more information, please visit www.DicksonData.com.

Temperature and Temperature/Humidity Data Logger

Start/Stop for precision reading!

Features

- LCD display of current and MIN/MAX readings
- High-speed USB connectivity
- User-replaceable battery
- Range -4 to 158°F

SP425 Temperature Logger. Digital Display. Accuracy $\pm 1.2^\circ\text{F}$. Range -4 to 158°F.

TP425 Temperature and Humidity Logger. Digital Display. Accuracy $\pm 0.8^\circ\text{F}$. Range -4 to 158°F.

Calibration Options Available



SP425 Temperature Model



SP125

Temperature and Temperature/Humidity Data Logger

Great for shipping or moving!

Features

- High/low alarm
- High-speed USB connectivity
- User-replaceable battery

SP125 Temperature Logger. Accuracy $\pm 1.2^\circ\text{F}$. Range -10 to 176°F.

SP175 Temperature Logger with Thermocouple Probe. Accuracy $\pm 1.8^\circ\text{F}$. Range -300 to 2000°F.

TP125 Temperature and Humidity Logger. Accuracy $\pm 0.8^\circ\text{F}$. Range -10 to 176°F.

Calibration Options Available

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com**.

*Temp Range using standard K-TC probe: -300 +500°F (A203 probe required for +2000°F range).

Compact-Sized Data Loggers

Ideal when space is a concern!

Features

- USB connection
- Economical 12-pack
- Six month battery life
- Ranges -4 to +158°F (-20 to +70°C)
- Accuracy ±1.8°F (±1°C)

SK550 Temperature. Pack of twelve.

TK550 Temperature & Humidity. Pack of twelve.

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com**.



Dickson Is More Than Print!

Dickson has a growing collection of great videos on:

- Product Introductions and Overviews
- Application Showcases
- How To's

Check out all our videos at www.youtube.com/dicksondata



Product Highlights



Applications



Instructional

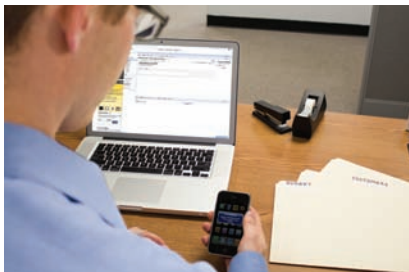


Have an idea for a video? Want us to highlight your application? Email marketing@dicksondata.com for details!

WIZARD2 Simple, scalable, wireless data logging.



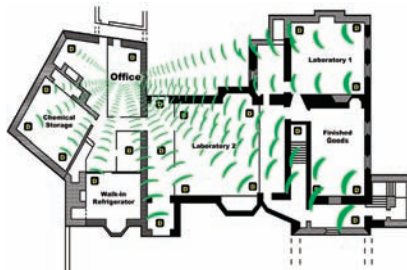
Calibration Options Available



• Text and Email Alerts

Receive emails and/or text messages for:

- Excursions
- Low battery
- Lost communication
- Calibration due



• Large Monitoring Network

Create a large wireless network of loggers and add wired loggers when you have those hard to reach areas.



• Data Comes To You

No longer do you need to waste time running from logger to logger or building to building collecting all of your readings. Have all your data come back to one centralized computer and view the data across your network.

Ethernet Temperature Data Logger

Create a scalable monitoring network!

Features

- Email and Text alerts available
- Eliminates the need to change charts and pens
- Data automatically downloaded to your computer wirelessly
- Loggers continue to log in the event of a power outage

These loggers, while wired, are compatible with the WIZARD2 monitoring system and software. Use them in conjunction with your WIZARD2 system or without! They allow you to monitor locations that would have previously been cost prohibitive to monitor wirelessly.



WT540

Calibration Options Available



WH545

Ethernet Temperature & Humidity Data Logger

Calibration Options Available



To speak with a system specialist about an application, product, or other concern please call:

888.452.4626



Ready to build your system?
Visit:

DicksonData.com/wizard

Stainless Steel Watertight Temperature Data Loggers

New generation of high temperature data logging!

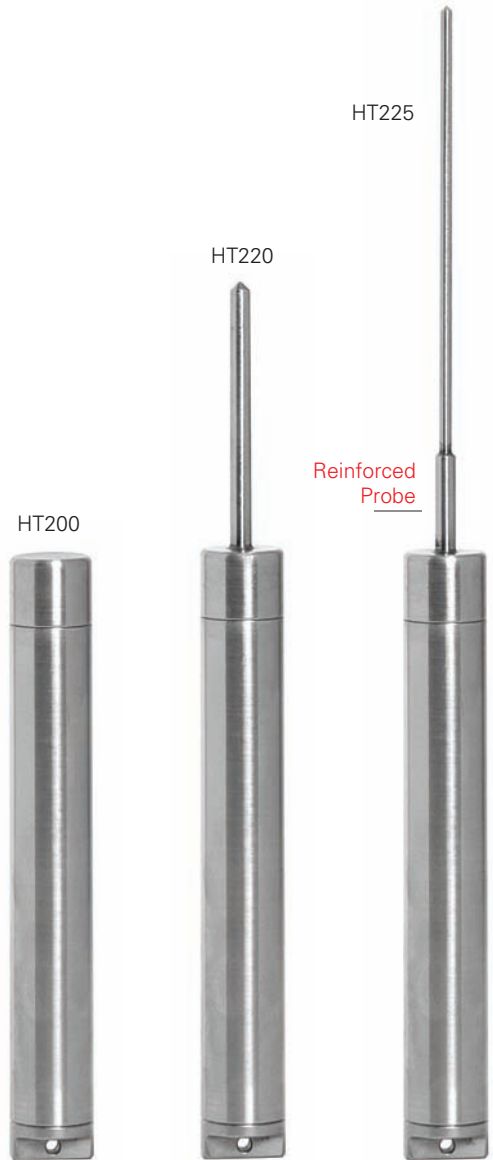
Features

- User-replaceable battery
- USB download capability
- Reinforced probe on the HT225 to prevent breakages
- IP68 rating
- Range: -40 to 257°F

Calibration Options Available

MODEL	LOGGER LG	LOGGER DIA	PROBE LG	PROBE DIA
HT200	5.36"	0.75"		
HT220	7.72"	0.75"	2.36"	0.19"
HT225	10.24"	0.75"	4.88"	0.11"

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com**.



8 Inch Temperature Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications

- Ovens
- Warehouses
- Food Processing
- Archives
- Laboratories
- Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES

KT800 Probe. Battery operated.

KT802 Probe. Display.

KT803 Probe. Display. Alarm.

KT856 2 Probes. Display. Alarm. Relays.

ALL MODELS HAVE THE FOLLOWING RANGES:

- 50 to +50°F/C • -20 to 20°F/C • 0 to 100°F/C
- 0 to 150°F/C • 0 to 250°F/C • 0 to 500°F/C
- 0 to 1000°F/C • 0 to 2000°F



KT803



KT622

6 Inch Temperature Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications

- Refrigerators
- Storage
- Clean Rooms
- Laboratories
- Pharmaceuticals
- Medical Equipment

MODELS AND FEATURES

KT621 Probe.

KT622 Probe. Display.

KT625 Probe. Display. Alarm. Relays.

ALL MODELS HAVE THE FOLLOWING RANGES:

- 100 TO 0°F/C • -50 TO 0°F/C • -50 TO +50°F/C
- 0 TO 50°F/C • 0 TO 100°F/C • 50 TO 100°F/C
- 0 TO 250°F/C • 0 TO 500°F/C

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.

8 Inch Temperature & Humidity Chart Recorder

Easy-to-read chart lets you see temperature and humidity details, not just trends!

Industries & Applications

- Pharmaceuticals
- Archives
- Laboratories & Clean Rooms
- Warehouses
- Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES

- TH800** Battery operated.
- TH802** Display.
- TH803** Display. Alarm. Probe.
- TH805** Display. Alarm. Probe. Relays.

Not for use over 95% RH



TH803

RANGES	MODELS
32 to 120°F	TH800
0 to 50°C	TH800
-20 to 120°F	TH802, TH803, TH805
-20 to 50°C	TH802, TH803, TH805
40 to 110°F	TH802, TH803, TH805
5 to 40°C	TH802, TH803, TH805
0 to 185°F	TH803, TH805

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.

Add an Optional Probe to your Temperature Unit!



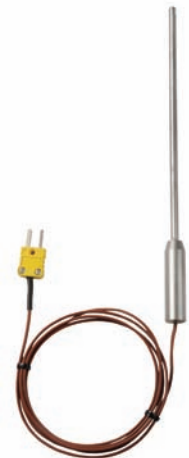
D617 10' K-TC Straight Extension Cable



D605 4" Piercing Probe



D608 5" Immersion Probe



A203 6" High Temperature Immersion Probe

6 Inch Temperature & Humidity Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications

- Ovens
- Warehouses
- Food Processing
- Archives
- Laboratories
- Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES

TH621 Probe.

TH622 Display.

TH623 Probe. Display. Alarm.

ALL MODELS HAVE THE FOLLOWING RANGES:

32 to 100°F • 0 to 50°C



TH623

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.



SL4100 Temperature Model

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.

4 Inch Temperature Chart Recorder

Designed with simplicity in mind!

Easy-to-use, battery operated and portable

- Digital display
- 24 hour / 7 day recording time
- Wall mount
- Battery door
- Hinged door

Applications

- Refrigerators
- Warehouses
- Freezers
- Laboratories



Calibration Options Available

MODEL	DIGITAL DISPLAY	TEMPERATURE RANGES
SL4350	•	-22 to 122°F • -30 to 50°C
SL4100	•	0 to 100°F • -18 to 37°C
SL490	•	45 to 90°F • 7 to 32°C
SK4350		-22 to 122°F • -30 to 50°C
SK4100		0 to 100°F • -18 to 37°C



SC367

3 Inch Mini Temperature Chart Recorder

Ideal when space is a concern!

Applications

- Refrigerators
- Clean Rooms
- Transportation
- Storage

Calibration Options Available

MODEL	TEMPERATURE RANGES
SC367	-14 to 32°F • -25 to 0°C
SC377	4 to 50°F • -15 to 10°C
SC386	22 to 68°F • -5 to 20°C
SC387	50 to 96°F • 10 to 35°C
SC397	76 to 122°F • 25 to 50°C

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.



VFC70

Vaccine Chart Recorder

VFC70

Features

- Easy-to-read special vaccine chart with circular bands highlighting the acceptable vaccine ranges of 35-46°F, 2-8°C
- LCD display shows current temperature for quick reference
- Fahrenheit/Celsius Selectable

Calibration Options Available

Charts sold separately. For charts and accessories please call 800.323.2448 or visit www.DicksonData.com.

Voltage Chart Recorder



ET855

ET855

Features

- Audible/visual alarm
- Large digital display
- Two screw terminal connectors on the back of the instrument for easy connection of the input transmitter

Calibration Options Available

CHART RANGE	7-DAY CHART	24-HR CHART	31-DAY CHART
0 to +100	C412	C410	C409
0 to +1000	C440	C441	
0 to +200	C436	C456	
0 to +14	C453	C457	
0 to +150	C435	C425	
0 to +300	C431	C422	
-10 to +10	C405	C495	
-150 to +250	C452	C442	

Charts sold separately. For charts and accessories, please call **800.323.2448** or visit www.DicksonData.com.

Disposable Recorder

One-time use! This disposable temperature recorder is perfect for monitoring goods while in transit.

Multiple features tailored for shipping needs:

- Failsafe start-up and pull out start tab
- Tamper-proof crimped seal
- Shock and vibration protection
- Low cost shipping alternative

Calibration Options Available

D301

MODEL	TEMPERATURE RANGES	RECORDING TIME
D301	-20 to 100°F • -30 to 37.5°C	10 Day
D302	-20 to 100°F • -30 to 37.5°C	20 Day
D307	-20 to 100°F • -30 to 37.5°C	40 Day
D309	-20 to 100°F • -30 to 37.5°C	75 Day



Vaccine Alarm Thermometer

MM120/125

Features

- LCD display shows current temperature, MIN/MAX temperatures, uses visual alert when in alarm mode and battery level indicator
- High/Low alarms
- Temperature range -58 to ±122°F (-50 to 50°C)

MM120 One Probe.
MM125 Two Probes.

Calibration Options Available



MM125 Two Probe Temperature Indicator



TC200



TH300

Indicators

Quickest readings!

Available Features

- Digital display
- Infrared (IR)
- Stores and recalls 16 readings
- Hold button stores readings for later recall
- K-thermocouple probe



D182
Infrared



D186
Infrared

MODEL	TEMPERATURE RANGES
TEMPERATURE	
D182	-76 to +932°F
D186	-67 to 536°F
TC200	-300 to +2000°F
TEMPERATURE/HUMIDITY	
TH300	-22 to +185°F • -30 to 185°C

8 Inch Pressure Chart Recorder

Large, easy-to-read chart!

Features

- Rugged low-maintenance design features
- Single AA battery power
- Corrosion-resistant case
- 7-day or 24-hour operation
- Keyhole slot for wall mount
- Splashproof case with an IP rating of 66
- 1/4 inch NPT Connector

PW860	7-day.	0 to 100 PSI.
PW861	24-hour.	0 to 100 PSI.
PW864	7-day.	0 to 200 PSI.
PW865	24-hour.	0 to 200 PSI.
PW866	7-day.	0 to 300 PSI.
PW867	24-hour.	0 to 300 PSI.
PW875	24-hour.	0 to 1000 PSI.

Calibration Options Available



PW875



4 Inch Pressure Chart Recorder

Compact and durable design!

Features

- Operates up to one full year on a single AA battery
- 1/4 inch NPT connection
- For applications where splashproof IP rating is not required
- 7-day or 24-hour selectable

PW470	0 to 100 PSI.
PW474	0 to 200 PSI.
PW476	0 to 300 PSI.
PW479	0 to 500 PSI.

Calibration Options Available



PW470

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit www.DicksonData.com.

Pressure Data Logger

User-friendly features!

- One-second sampling rate
- User-replaceable battery
- Pressure sensor includes built-in diaphragm seal
- Display, USB connectivity, FLASH memory downloads
- IP68 case
- Delayed start - start logging once unit is in place

- A.** Digital display
- B.** USB
- C.** FLASH memory card
- D.** Battery
- E.** Splashproof case

- PR125** Range 0 to 100 PSI.
- PR325** Range 0 to 300 PSI.
- PR525** Range 0 to 500 PSI.

Calibration Options Available



PR325



Rugged Utility Pressure Data Logger

Compact and discreet!

This data logger fits in toolboxes, tight corners or in wide open spaces without attracting attention. Built for real-world water and gas pressure monitoring.

- Water resistant case
- 3 year battery
- Unobtrusive design
- Fits easily in a toolbox
- Pressure sensor includes built in diaphragm seal.

- PR100** 0-100 PSI
- PR300** 0-300 PSI

Calibration Options Available

Software required and sold separately. For more information, please visit www.DicksonData.com.



Featured Application: HVAC

A large expense for any office, warehouse, building, or even a home is in the heating and cooling. Ensuring you are getting the maximum efficiency from your HVAC system is vital.

Guaranteeing maximum efficiency includes verifying that your system is running when you want it to run, not wasting energy over or under heating/cooling, or heating/cooling an area that does not need it.

Dickson's full line of Temperature and Humidity Data Loggers and Chart Recorders offer the perfect solution for monitoring HVAC systems. From small cost effective loggers, to monitor multiple points (like various rooms throughout a building) to probed chart recorders or data loggers which are great for monitoring air intakes or vents Dickson has the right product!

Visit DicksonData.com/hvac253 for more details and in-depth information on pressure monitoring.

The TK550

The TK550 is perfect for HVAC.

- Compact size makes these loggers great for monitoring small areas like vents
- Economic price great for covering many monitoring points

See Page 7 for more details.

* [Other Great Products for this Application](#)
D186 (Page 16)



DICKSON

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1-800-323-2448 or online at www.DicksonData.com



Application Focus: HVAC

- Compact size great for monitoring in small areas
- Conveniently downloads via USB

See Page 19 for case study



TK550

3 Ways to Order

1

Online at www.DicksonData.com

2

Call 1-800-323-2448 or 1-630-543-3747 and speak to a Customer Service Representative

3

Fax to 1-800-676-0498 or 1-630-543-0498

All prices are subject to change without notice. In the event of a printing error, Dickson reserves the right to charge the correct price.
All shipments ship 2nd day unless otherwise requested.

* How to Use QR Codes



Quick Response (QR) codes are a type of barcode that can be read by cell phones and other readers. Simply download a QR Reader application on your cell phone (we like i-nigma, but there are many others), scan the code, and view additional content like detailed information or product videos! For more information visit www.DicksonData.com/qr