## Infinite Storage.

DickonOne keeps all of your environmental data organized, safe, and secure.







## DICKSON MEANS DATA

**And we mean business too.** We know the products, processes, and buildings critical to your monitoring application and vital to your business. For that reason, Dickson has been designing and manufacturing reliable data logging devices for over 90 years and continues to do so today.



## The Road to DicksonOne

**DicksonOne** is an innovative temperature and humidity monitoring system designed specifically from customer feedback on our previous products. Dickson is proud to offer a full line of temperature monitoring equipment that utilize the newest technologies to create great products.

1

## CHART RECORDERS 1915 to Present

Chart recorders require a pen to write onto the circular chart paper that spins as time passes.

**PROS:** Physical record of conditions. Simple to operate. **CONS:** Overtime, the cost of charts, pens, and labor to replace them and do visual checks of the readings really adds up!



2

## DATA LOGGERS 1970s to Present

Data loggers did away with the need to change charts and pens by storing data directly onto the device.

**PROS:** Compact size. More customization. No need to replace charts and pens.

CONS: Still must travel to the device to retrieve the data.



**Contents** 

Winter 2014

CD274

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## WiZARD/WiZARD2 2007 to Present

The WiZARD and WiZARD2 families are the **Dickson** data loggers that introduced wireless transmission of data.

**PROS:** Data is automatically sent back to the central PC. No need to go to the device to retrieve data.

**CONS:** Proprietary equipment. Data access limited to one building. Maximum of 60 loggers per receiver.



4

## DicksonOne 2013 to ???

**DicksonOne** is the best of the data loggers and wireless monitoring solutions. It offers automated data delivery, as well as true multi-location monitoring.

**BENEFITS:** Data comes to you! Uses your existing WiFi and Ethernet, Unlimited loggers. Unlimited locations. Centralized dashboard. Easy sharing of data. Email, Phone & Text alarms. Up and running in minutes!





## ...Why DicksonOne

DicksonOne is the direct result of customer feedback like this:



"WE WANT AN **EASIER WAY**TO SHARE OUR DATA."

"WE NEED

MORE ROBUST

ALARMING CAPABILITIES."

"PRODUCTS ARE TOO HARD TO SETUP."

"I NEED TO VIEW

MY DATA

FROM ANYWHERE."

# How Do You Want To Be Notified?

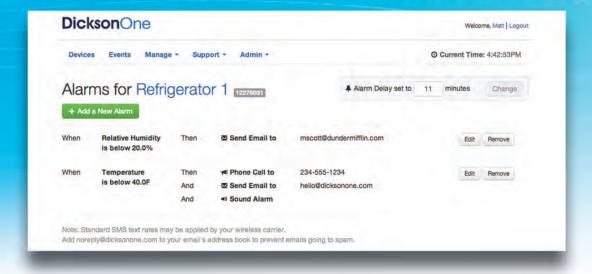








## Need More Than One Person To Receive Alarms?





## The Cost Of A Chart Recorder

Often times the thought of switching to a new system is a negative one due to the perceived cost. However, have you considered the cost of a chart recorder?

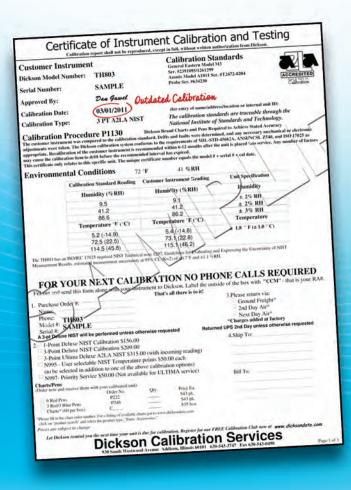


## Calibrations

Calibrations with **DicksonOne** are easier than ever before.

The entire line is compatible with **Replaceable Sensors**.

- Simple
- Fast
- Cost Effective





## STEPS:

- Order a new Replaceable sensor with the appropriate calibration.
- 2 Sit back, relax, and wait for the new sensor to arrive.
- Simply unplug the old sensor and replace it with the new one!

Voilà! No more sending in your unit for calibration!

## TEMPERATURE & TEMPERATURE/HUMIDITY DATA LOGGERS

Temperature Data Logger

**SM300** Range -4 to 158°F, -20 to 70°C. Accuracy ±0.8°F, ±0.44°C.

**SM320**\* Remote Probe. Range with Probe -300 to 2000°F, -184 to 1093°C. Accuracy ±1.8°F, ±1.0°C.

SM325\* Two Remote Probes. Range with Probe -300 to 2000°F, -184 to 1093°C. Accuracy ±1.8°F, ±1.0°C.

SM420 Remote Probe. Range with Probe

-50 to 350°F, -45 to 176°C. Accuracy ±0.5°F, ±0.28°C.



SM325 Temperature Model With Two Remote Probes

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:

**Calibration Options Available** 

-300 +500°F (A203 probe required for +2000°F range).

## Temperature/Humidity Data Logger

Industries & Applications

- Warehouses
- Archives
- Surgical Suites
- Laboratories

**TM320** Range -4 to 158°F, -20 to 70°C. Accuracy  $\pm 0.8$ °F. **TM325** Remote Probe. Range -40 to 185°F, -40 to 85°C. Accuracy  $\pm 0.8$ °F.

## **Calibration Options Available**





TM320 Temperature and Humidity Model



## Digital Graph Displays Trends

## Full control at your fingertips!

- No running back to your PC to see data.
   Everything you need at the touch of a finger!
- Jumbo 4.9" x 6.4" touchscreens
- Zoom and scroll with the touch of a finger
- Audible/visual alarms
- USB and FLASH card data download
- Rechargeable Backup Battery
- Optional Display Lock
- Pre-Calibrated Sensor Compatible

#### **Calibration Options Available**







MODEL	REMOTE PROBE	PROBE TYPE	TEMPERATURE RANGES	ACCURACY	RELAYS
TEMPERATURE/HUMIDITY					
FH625	Optional	Temp/RH PCS*	-40°F to 185°F (-40° to 85°C)	±0.8°F, ±0.45°C	
FH635	Optional	Temp/RH PCS*	-40°F to 185°F (-40° to 85°C)	±0.8°F, ±0.45°C	•
TEMPERATURE					
FT600	Optional	Temp PCS*	0 to 122°F (-17° to 50°C)	±0.8°F, ±0.45°C	
FT620	1	KT/C	-300°F to 2000°F (-184° to 1093°C)	±1.8°F, ±1°C	
FT630	2	KT/C	-300°F to 2000°F (-184° to 1093°C)	±1.8°F, ±1°C	•
FT625	•	Thermistor	-40°F to 300°F (-40° to 148°C)	±0.8°F, ±0.45°C	
FT640	1	Thermistor/Glycol	-40°F to 158°F (-40° to 70°C)	±1.2°F, ±0.67°C	
FT645	2	Thermistor/Glycol	-40°F to 158°F (-40° to 70°C)	±1.2°F, ±0.67°C	
FT660	•	RTD	-148°F to 350°F (-100° to 176°C)	±0.5°F, ±0.28°C	

<sup>\*</sup>Pre-Calibrated Sensor

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

## TEMPERATURE & TEMPERATURE/HUMIDITY DATA LOGGERS

## 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

**SP425** Temperature Logger. Digital Display. Accuracy ±1.2°F, ±0.67°C. Range -4 to 158°F, -20 to 70°C. **TP425** Temperature and Humidity Logger. Digital Display. Accuracy ±0.8°F, ±0.45°C. Range -4 to 158°F, -20 to 70°C.

### **Calibration Options Available**



SP425 Temperature Model



## 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 ±1.2°F, ±0.67°C. Range -10 to 176°F, -23 to 80°C. **SP175** Temperature Logger with Thermocouple Probe. Accuracy ±1.8°F, ±0.1°C. Range -300 to 2000°F, -30 to 50°C. A203 Probe required for +500°F. **TP125** Temperature and Humidity Logger. Accuracy ±0.8°F, ±0.45°C. Range -10 to 176°F, -23 to 80°C.

## **Calibration Options Available**

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

<sup>\*</sup>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**.



## Add an Optional Probe to your Temperature Unit!



## DicksonOne Mobile App for iPhone

## By Dickson / Unigage, Inc.

- A great tool for existing DicksonOne customers
- Browse all devices and locations
- Detailed channel display for seeing current data
- Graphs for viewing current trends and historical data

**Requirements:** Compatible with iPhone 3GS, 4, 4S, 5, 5S, iPad, and iPod touch 3rd, 4th, and 5th generations. Required iOS 6.1 or later. This app is optimized for the iPhone.



## Stainless Steel Watertight Temperature Data Loggers

## New generation of high temperature data logging!

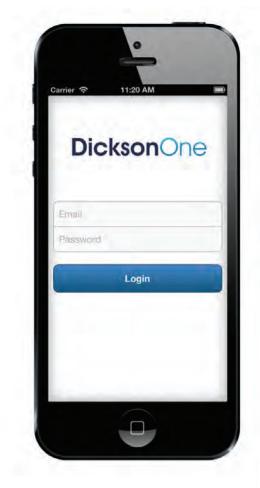
#### Features

- User-replaceable battery
- USB download capability
- Reinforced probe on the HT225 to prevent breakages
- IP68 rating
- Range: -40 to 257°F, -40 to 125°C

## **Calibration Options Available**

MODEL	LOGGER LG	LOGGER DIA	PROBE LG	PROBE DIA	
HT300 HT220 HT225	5.36" 7.72" 10.24"	0.75" 0.75" 0.75"	2.36" 4.88"	0.19" 0.11"	

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





HT225



ET855



## Voltage Chart Recorder

#### 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

CHART RANGE	7-DAY CHART	24-HR CHART	31-DAY CHART
0 to +100	C412	C410	C409
0 to +1000	C440	C441	3.00
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

MODEL	TEMPERATURE RANGES	RECORDING TIME
D301 D302 D307 D309	-20 to 100°F • -30 to 37.5°C -20 to 100°F • -30 to 37.5°C -20 to 100°F • -30 to 37.5°C -20 to 100°F • -30 to 37.5°C	10 Day 20 Day 40 Day 75 Day
		1

D301

## **DID YOU KNOW?**

**Dickson** has a team of specialists with which you can discuss your application and find the product that best suits your needs.

Call 630.543.3747

to talk to a specialist now.

## 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

KT8P0 Probe. Battery operated.

KT8P2 Probe. Display.

KT8P3 Probe. Display. Alarm. BEST SELLER.

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



KT8P3

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

## 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. **BEST SELLER. 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



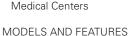
DICKSON

## 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



TH8P0 Battery Operated.

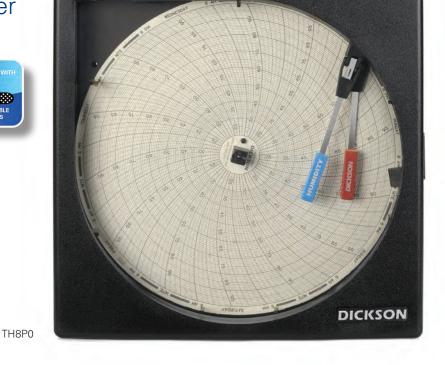
TH8P2 Display.

TH8P3 Display. Alarm. Probe. BEST SELLER.

TH8P5 Display. Alarm. Probe. Relays.

TIBLE WITH
-
ACEABLE NSORS

RANGES	MODELS
32 to 120°F	TH8P0
0 to 50°C	TH8P0
-20 to 120°F	TH8P2, TH8P3, TH8P5
-20 to 50°C	TH8P2, TH8P3, TH8P5
40 to 110°F	TH8P2, TH8P3, TH8P5
5 to 40°C	TH8P2, TH8P3, TH8P5
0 to 185°F	TH8P3, TH8P5



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



## 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 Labs
- Health Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES

TH621 Probe.

TH622 Display.

TH623 Probe. Display. Alarm. BEST SELLER.

ALL MODELS HAVE THE FOLLOWING RANGES:

32 to 100°F • 0 to 50°C

TH623

All Temperature and Humidity Chart Recorders are NOT for use over 95% RH.

## **DID YOU KNOW?**

If you don't like changing **Charts and Pens** we have a number of easier solutions.

Call 630.543.3747 to talk to a specialist now.



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 SL4100	•	-22 to 122°F • -30 to 50°C 0 to 100°F • -18 to 37°C



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**.

## **DID YOU KNOW?**

With **DicksonOne** you can create as many email and text alarms as you need and send them to as many people as you want.

Call 630.543.3747 to talk to a specialist now.



## 3 Inch Mini Temperature Chart Recorder

## Ideal when space is a concern!

**Applications** 

- Refrigerators
- Clean Rooms
- Transportation
- Storage

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

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



## Vaccine Alarm Thermometer

#### MM120/125

- 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.



MM125 Two Probe Temperature Indicator



## corners, or in wide open spaces without attracting attention. Built for real-world water and gas pressure monitoring.

Water resistant case

Data Logger

Compact and discreet!

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

This data logger fits in toolboxes, tight

Rugged Utility Pressure

USB Connection

PR150 0-100 PSI PR350 0-300 PSI

#### **Calibration Options Available**

Software required and sold separately. For more information, please 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
- · Optional delayed start
- A. Digital display
- B. USB
- C. FLASH memory card







## 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 300 PSI.

 PW867 24-hour.
 0 to 300 PSI.

 PW875 24-hour.
 0 to 1000 PSI.

#### **Calibration Options Available**





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

## 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** 



930 South Westwood Avenue Addison, Illinois 60101-4917

800 323 2448 tel 800 676 0498 fax www.DicksonData.com

PRSRT. STD U.S. Postage The Dickson Company

## WE'RE READY TO TAKE YOUR ORDER!

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







SIMPLY SCAN THE CODE WITH YOUR SMARTPHONE TO CALL US!

## Replaceable Sensors

- Don't be without your logger
- Simply replace your old sensor with a new one and you're calibrated
- Compatible with new DicksonOne, WiZARD2 and new Touchscreen units

Visit dicksondata.com/rs for more information



See pages 2-7 or visit **DicksonOne.com** for more information on DicksonOne.

## **DicksonOne**

Access your temperature and humidity data 24/7, on any device with an internet connection, anywhere you are.

## **DID YOU KNOW?**

DicksonOne is now in the cloud. Find out what the cloud can do for you.

Call 630.543.3747 to talk to a specialist now.









