

# VACCINE TEMPERATURE MONITORING KITS

For Health Departments, Physician Clinics, Pharmacy, etc.



Sonicu Vaccine Temperature Monitoring Kits include everything you need to monitor vaccines in refrigerators or freezers 24/7 and comply with CDC/VFC regulations.

**Features include:**

- Access live monitoring dashboard 24/7 on any smart phone, tablet or computer
- Configurable temperature alarms ensure vaccine integrity
- Secure, cloud-based platform
- Continuous data logging
- Automatically generated reports
- Optional local display on tablet

**Advantages of a Sonicu Solution**

Sonicu’s remote wireless monitoring provides superior visibility, eliminates time consuming manual data logging, and automates regulatory compliance reports.

Sonicu hardware is pre-configured, deploys easily, and is modular to scale up or down to match your requirements.

Sonicu includes access for an unlimited number of users, unlimited secure data storage, on-board data backup, free software updates, unlimited technical support, online training videos, and a full warranty on all hardware.

**Vaccine Freezer / Fridge**

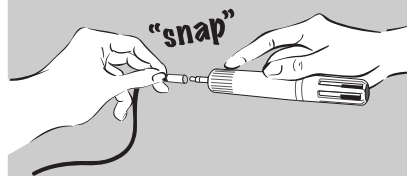


**SNAP Calibration Program**

**NIST**  
National Institute of Standards and Technology  
U.S. Department of Commerce

Replacement sensors sent to your facility before your old sensors expire.

Compliance is a “SNAP”



**Sonishield Display**



# Sonicu Vaccine Monitoring Kits for CDC/VFC

## Kit Components



SoniShield Duo wireless meter

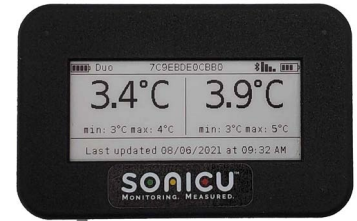


Glycol sensor

6' cable included  
(15' and 25' available)



12v DC power adapter - battery charger



SoniShield Duo  
To add optional display-  
Part Number 116000

## Kit Choices

**Single Kits monitor 1 refrigerator or freezer. Dual Kits monitor 2 devices.**

Select by connectivity option and number of devices required (add kits as needed)

Connectivity*	Kit No.	Each Kit Includes
WiFi - Single	DUO-WF-GB	SoniShield Duo, glycol sensor, 12v DC power/charger, 6' cable, mounting supplies
4G LTE - Single	DUO-LTE-GB	SoniShield Duo, glycol sensor, 12v DC power/charger, 6' cable, mounting supplies
WiFi - Dual	DUO-WF-GB-GB	SoniShield Duo, 2 glycol sensors, 12v DC power/charger, 6' and 15' cable, mounting supplies
4G LTE - Dual	DUO-LTE-GB-GB	SoniShield Duo, 2 glycol sensors, 12v DC power/charger, 6' and 15' cable, mounting supplies

\*SoniShield Display can be added to any Temperature Monitoring kit with the Part Number 116000

NOTE: Call us for -80°C and/or cryogenic monitoring kits.

## Meter Specifications

Meter	Description	Dimensions
SoniShield Duo	2 input port	3.87" x 2.51" x 1.2"

## NIST Calibrated Sensor

Part No.	Description	Range	Accuracy
100234	Glycol sensor	-55°C to +125°C	+/- .5°C

## Technical Notes

- Kits include easy-to-follow installation guides and online training videos. Wireless temperature meters mount quickly, and live customer support is provided to all customers.
- Sonicu sensors come with NIST-traceable, ISO/IEC 17025 compliant calibration certificates. SNAP Calibration eliminates downtime, administrative burden, uncertainty and worry from regulatory required temperature probe calibration.
- Uninterrupted Power Source switches from wall adapter to onboard rechargeable batteries during power outages.

- The secure SoniCloud platform is hosted on Amazon Web Services (AWS).
- Sensor-to-cloud data transmission requires no additional hardware or software.
- Data-Sync and onboard memory ensure all data is preserved in case of network interruption.
- Automated data logging and reporting eliminate manual data entry and streamline compliance.

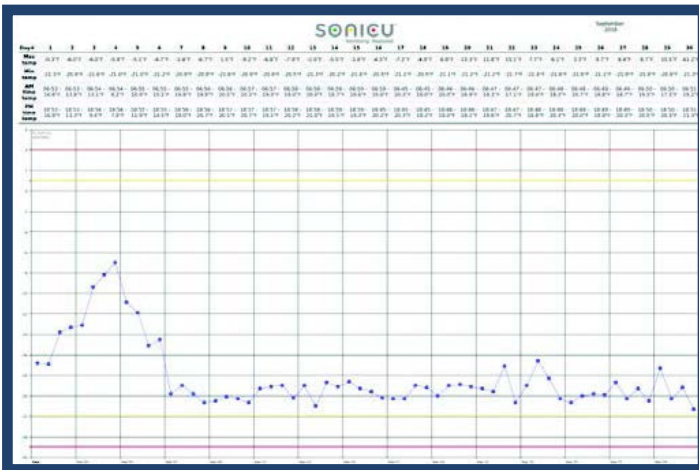


# CDC/VFC Vaccine Temperature Monitoring

For Health Departments, Physician Clinics, Pharmacy, etc.

SMART reporting tools provide automated reports for regulatory compliance.

## Excursion Report



- Daily MIN/MAX temperatures
- Real-Time temperature data
- Identify trends

## Corrective Action

Zone Name	Device Name	Serial	Alarm Time	Resolved By	Resolved Time	Alarm Reading	Acknowledge comment	Resolved comment
Temperatures	Freezer	6300408D85CCEF	06/02/2018 09:00:24	Server	06/02/2018 10:42:15	44.38°F	This device was out...	Alarm was automatica...
Temperatures	Freezer	6300408D85CCEB	05/05/2018 09:15:17	Server	05/05/2018 10:42:32	48.76°F	This device was out...	Alarm was automatica...
Temperatures	Regular	6200408D85CCEF	05/02/2018 15:45:15	Server	05/02/2018 16:12:14	47.19°F	This device was out...	Alarm was automatica...
Temperatures	Freezer	6300408D85CCEF	04/07/2018 09:16:22		04/07/2018 21:04:42	40.78°F	This device was out...	Defrost
Temperatures	VFC Fridge	6000408D85CCEF	02/06/2018 12:10:19	Server	02/06/2018 12:23:40	48.31°F	This device was out...	Alarm was automatica...
Temperatures	Freezer	6300408D85CCEB	01/27/2018 09:28:14		01/27/2018 19:01:34	37.06°F	This device was out...	Defrost
Temperatures	VFC Fridge	6000408D85CCEF	01/25/2018 14:25:20	Server	01/25/2018 14:58:03	Offline	This device was off...	Alarm was automatica...
Temperatures	Freezer	6300408D85CCEF	01/25/2018 14:25:20	Server	01/25/2018 14:58:03	Offline	This device was off...	Alarm was automatica...
Temperatures	Regular	6200408D85CCEF	01/25/2018 14:25:20	Server	01/25/2018 14:58:03	Offline	This device was off...	Alarm was automatica...
Temperatures	Freezer	6300408D85CCEB	12/30/2017 21:20:13	Server	01/05/2018 15:39:16	Offline	This device was off...	Alarm was automatica...

- Alarm time, location and device
- Resolution time
- Confirmation of resolution

## Device Summary

Weekly Device Summary Powered by SONICU.COM (06/06/2018 - 06/12/2018)				
Device Name	Minimum	Average	Maximum	# Alarms
<b>1st Floor - Cardiology and Imaging</b>				
1.Imaging.Blk Wrm MRI	105°F	116°F	125°F	0
1.Imaging.Mam Blk Wrmer	87°F	91°F	107°F	0
1.Imaging.CT Small Mini Fridge	34°F	36°F	42°F	0
1.Imaging.QC Mini Fridge	35°F	38°F	43°F	1
1.Imaging.CT Large Mini Fridge	34°F	35°F	39°F	0
1.Imaging.Mam.Fridge	36°F	38°F	43°F	1
1.Imaging. CT Ambient Temp	65°F	69°F	74°F	0
1.Imaging.Staff Refrigerator	31°F	35°F	41°F	0
1.Imaging.Staff Freezer	-14°F	-8°F	4°F	0

- Includes every deployed device
- Number of alarm events
- MIN/MAX and average readings

## Calibration Report

Serial	Probe Serial	SNAP Enrollment	Address	Probe Type	Calibration Date	Certificate
6100408D9081D9	48011610D7F4EE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
6000408D9081D9	84011610D46DEE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
6000408D9081B3	FC8A970E15FFFFF	Not Enrolled	None	External HT(Temp),External HT(Humidity)	08/05/2017	<a href="#">View</a>
6000408D9081B5	F7021502E94FF28	Not Enrolled	None	Digital Air	05/15/2017	<a href="#">View</a>
6000408D908207	78021584D7E9FF28	Not Enrolled	None	Digital Air	08/14/2017	<a href="#">View</a>
6000408D908198	C6011610D479EE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
602C3AE81DDDE7	F7021519E933EE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
6100408D908207	8D0216081002EE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
6000408D908254	380216082202EE28	Not Enrolled	None	Digital Glyco	10/04/2017	<a href="#">View</a>
6100408D908197	8E0216082142EE28	Not Enrolled	None	Digital Glyco	10/08/2017	<a href="#">View</a>

Ensures your sensors are accurate, calibrated, and not expired. Sonicu provides new sensors with NIST certificates before old ones expire.

Dashboard allows users 24/7 access to all clinic locations and temperature data. When temperature excursions occur, alarms are delivered via text, phone, or email for fast response. Sonicu's platform eliminates manual data logging and automates regulatory compliance.

## CDC/VFC Requirements

1. Every refrigerator or freezer must have a Temperature Monitoring Device (TMD) with digital data logging.
2. TMD displays current temperature reading and minimum and maximum temperature settings.
3. TMD measures and records temperature at intervals of 30 minutes or less.
4. TMD uses a glycol buffered temperature sensor for maximum accuracy measuring vaccine temperatures.
5. Temperature sensor accuracy of  $\pm 0.5^{\circ}\text{C}$  ( $\pm 1^{\circ}\text{F}$ )
6. Sensor comes with a current and valid Certificate of Calibration and testing.
7. Sensor calibration is performed annually or biannually per manufacturer's recommendation.
8. Audible alarm for Out-of-Range Temperature.
9. Keep data on-hand for 3 years or longer.
10. Low battery indicator.

## Sonicu Compliance

1. Pre-configured hardware is easy to deploy and start monitoring and data logging in minutes.
2. View temperature readings 24/7 from phone, tablet or computer. Optional local display on a tablet.
3. Temperature data logging intervals are set by user as frequently as desired.
4. Glycol digital buffered temperature sensor exceeds requirements. Temperature Range:  $-40^{\circ}\text{C}$  to  $+25^{\circ}\text{C}$
5. Glycol sensor accuracy:  $\pm 0.5^{\circ}\text{C}$  ( $\pm 1^{\circ}\text{F}$ )
6. Includes valid NIST Calibration Certificate and Certificate of Testing.
7. All Sonicu calibration and testing is ISO/IEC 17025 certified including SNAP sensor replacement program.
8. Local alarms, plus alerts via text, phone, or email.
9. Unlimited secure data storage plus local backups.
10. Rechargeable battery with Low Battery indicator.



**SONICU**<sup>TM</sup>  
The Leader In Monitoring