

Application Focus

Data logging Bluetooth® verification thermometer takes the guesswork out of sample storage temperatures



Challenge:

Verification of sample storage temperature after equipment failure

Application:

Sample storage and incubation

Refrigerators, incubators and other equipment can fail due to a power outage, malfunction, or human error. Should this happen, researchers might not know if their samples remained at the specified temperature. This often results in waste as researchers must dispose of samples when their quality comes into question.

Example: Researcher came into the lab one morning & discovered that the door of the refrigerator where she stores her samples was ajar. She wondered if her samples remained cool overnight. She feared she would need to dispose of her samples if she was unable to verify proper storage temperature.



Solution:

H-B® FRIO-TEMP® Bluetooth Verification Thermometer / Hygrometer Data Logger; -10/50C (14/122F) B61011-5100

HB Bluetooth Verification Thermometer/Hygrometer Data Logger records temperature & humidity data for up to 30 days. A glass-bead-filled bottle attached to the temperature probe mimics the sample to provide verification without contamination. Temperature and humidity data logs can be accessed through the free THERMSmart app & exported for future reference.

For more information visit:

<https://www.belart.com/h-b-frio-temp-bluetooth-verification-thermometer-hygrometer-data-logger-10-50c-14-122f.html>