

# TempTrak<sup>®</sup>

ENTERPRISE

## ISO 17025 CALIBRATED EQUIPMENT

Cooper-Atkins provides temperature transmitters to monitor vaccine storage temperatures that are specifically calibrated to conform to CDC requirements for use in the Vaccines For Children (VCF) program. Each of our devices is covered by a Certificate of Traceability and Calibration. This confirms that the measurement standards and instruments used during product calibration are traceable to an ISO/IEC 17025 accredited testing laboratory and that the calibration process is compliant with ISO/IEC 17025 requirements.

TempTrak ISO 17025 products can be calibrated in-situ using our SysCal™ Calibration System. This saves time and money by eliminating the return of equipment to be recalibrated.

### Certificate Example

Calibration Performed By:		For:	
COOPER-ATKINS, CORP 33 REEDS GAP ROAD MIDDLEFIELD, CT 06455		GENERAL CLINIC 1 MAIN STREET HARTFORD CT 01234	
Equipment Information		Serial Number:	
I.D.: 01234567		76543210	
Description: BA_01_204 (ISO-17025) MEDICATIONS/VACCINES			
Building Name: BUILDING ONE MEDICAL		Model Number: 10080-DT	
Manufacturer: COOPER-ATKINS		Unit of Measure: C	
Op Env Temp/RH 24.2 C / 43 %		Performed By: JDOE	
Cal. Interval: 1 YEARS		Cal. Due Date: 10/5/2016	
Cal Date: 10/5/2015 10:32:16 AM		Calibration Result: PASS	
Probe Type: GLYCOL			
Calibration Notes			
Test Points			
Seq.	Standard	As Found	As Left
1	3.8	3.4	3.4
2	3.8	3.4	3.4
3	3.3	3.5	3.5
Standards Used To Calibrate Equipment			
I.D.	Description	Last Cal.	Cal. Due Date
021014006/1		1/7/2015	1/7/2016
<small>The instrument(s) listed on this report has been calibrated by direct measurement of, and comparison to temperatures generated using the reference standards listed above. Cooper-Atkins performs calibrations in accordance with to ISO/IEC Standard 17025:2005 &amp; ANSI/NCSL Z 540.1-1994 requirements, and the results shown in this temperature calibration report have been determined in accordance with the laboratory's defined scope and documented procedure(s). Measurement results are traceable to the US national system of units (NIST) as defined by the standard. This report of certification reflects data for items calibrated only and may not be reproduced, except in full without the written approval of the laboratory.</small>			
<small>The expanded uncertainty associated with the calibration 0.65° F (unless otherwise noted) using a coverage factor of (k=2) which provides a confidence level of approximately 95%. Information on uncertainty has been derived from ISO/IEC Guide 98-3:2008, Guide to the Expression of Uncertainty in Measurement (GUM) &amp; ANSI/NCSL Z 540.3-2006.</small>			
Procedures Referenced:			
Procedure Name	Description	Revision Level	Revision Date
CP-11.01-A	CALIBRATION PROCEDURE	11.01-A	10/2/2015
Authorized By:			
Name	Digital Signature	Date/Time	
JDOE	/s/	10/13/2015 12:02:52 PM	

### 900 MHz Temperature Transmitter (10080-DT)

#### with 1 Refrigerator Simulator

- #16901-025-R - Glycol Simulator (10112)
- #16903-025-R - Solid Simulator (10113)
- #16905-025-R - Solid Vial Simulator (10114)

#### Specifications:

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Calibration Test Point: 41°F
- Tolerance: ±1°F

#### with 1 Freezer Simulator

- #16901-025-F - Glycol Simulator (10112)
- #16903-025-F - Solid Simulator (10113)
- #16905-025-F - Solid Vial Simulator (10114)

#### Specifications:

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Calibration Test Point: -13°F
- Tolerance: ±1°F

### Wi-Fi Temperature Transmitter (11078)

#### with 1 Refrigerator Simulator

- #16902-025-R - Glycol Simulator (10112)
- #16904-025-R - Solid Simulator (10113)
- #16906-025-R - Solid Vial Simulator (10114)

#### Specifications:

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Calibration Test Point: 41°F
- Tolerance: ±1°F

#### with 1 Freezer Simulator

- #16902-025-F - Glycol Simulator (10112)
- #16904-025-F - Solid Simulator (10113)
- #16906-025-F - Solid Vial Simulator (10114)

#### Specifications:

- Temperature Range: -25° to 180°F (-32° to 82°C)
- Calibration Test Point: -13°F
- Tolerance: ±1°F

#### with 1 Refrigerator and 1 Freezer Simulator

- #16902-025-RF2 - 2 Glycol Simulators (10112)
- #16904-025-RF2 - 2 Solid Simulators (10113)
- #16906-025-RF2 - 2 Solid Vial Simulators (10114)

#### Specifications:

(See individual specs above)

