

Wintronics, Inc.
50 Division Ave, Suite 1
Millington, NJ 07946
Phone: (908) 647-0144 Fax: (908) 647-8379

Certificate of Calibration

Certificate No.: J0157019

Manufacturer: **Heitronics** Description: **Infrared Thermometer**
Model No: **CT15.10** Serial No: **10975**


Customer: U Of Alaska, Fairbanks
R/V Sikuliaq SQTECH
1501NE Boat St
Seattle, WA 98195
Customer PO: CC
Customer Asset No:
Temperature (C): 23 Technician: PLW
Humidity (%): 40 Date Cal: 14-Feb-2023
Procedure: W60985, Rev 2 Date Due: 14-Feb-2024

The manufacturer's specifications of the above instrument have been confirmed by comparison to standards which are regularly calibrated using accepted values of natural physical constants, ratio type self-calibrating techniques, comparison to standards which are traceable to NIST or other NMI, or compared to consensus standards. Wintronics' Quality System is accredited to ISO/IEC 17025:2017.

As received condition: In Tolerance
As shipped condition: In Tolerance
Type of Calibration: Normal

Calibration Standards

Manufacturer	Model	Description	Asset #	Calibration Date	Date Due	Cert. No.
Heitronics	TRT3.82	Transfer Infrared Pyrometer	W185	20-Jul-2022	31-Jul-2023	J0154068


Peter Winter
President
Certified By

Issue Date: 15-Feb-2023

Wintronics, Inc. Calibration Report

Wintronics, Inc., 50 Division Ave, Suite 1, Millington, NJ 07946 (908) 647-0144

Job: J0157019

Company: U Of Alaska, Fairbanks

Mfg: **Heitronics**

Model: **CT15.10**

Date: 02-14-23

S/N: 10975

Cust. Asset #:

Tech: PLW

Nominal Temperature	Actual Temperature	As Received	Difference	Tolerance	TUR
-10°C	-9.46	-10.18	-0.72	±0.78°C	
1°C	1.31	0.73	-0.58	±0.71°C	
30°C	30.21	29.76	-0.45	±0.50°C	
50°C	50.02	49.73	-0.29	±0.64°C	
100°C	100.07	100.30	0.23	±0.99°C	
Cal Factor:			3.0903		

Nominal Temperature	Actual Temperature	Outgoing	Difference	Tolerance	TUR
-10°C	-9.59	-9.15	0.44	±0.78°C	
1°C	1.03	1.50	0.47	±0.71°C	
30°C	30.01	30.05	0.04	±0.50°C	
50°C	49.99	49.93	-0.06	±0.64°C	
100°C	99.94	100.10	0.16	±0.99°C	
Cal Factor:			3.0604		

Additional Comments: Any Test Uncertainty Ratio (TUR) that is less than 4:1 will appear under the "TUR" heading. If the TUR meets or exceeds 4:1, the field is left blank.