

Calibration Report: Infrared Thermometer (Pyrometer)

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Summary

Calibration Date: 22 May 2006

Next Calibration Date: 22 May 2007

A collection, analysis and calibration of data from Heitronics Infrared Thermometer (Pyrometer), S/N:1414 has been completed. The calibration was performed by Wintronics, Inc. This data was collected by Wintronics, Inc., on May 22, 2006.

MODEL: KT19.85

SERIAL NUMBER: 1414

The manufacturer's specifications of the Infrared Thermometer (S/N: 1414) have been confirmed by comparison to standards which are regularly calibrated using accepted values of natural physical constants, ratio type of self-calibrating techniques, comparison to standards which are traceable to National Institute of Standards and Technology (NIST), or compared to consensus standards.

The condition of the instrument was in tolerance as received and as shipped.

The following pages provide more detail into the calibration process and results.

APPLICATION: Standard Campbell data logger program for KT19.85 infrared thermometer (pyrometer).

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

Certificate of Calibration

ANSI/NCSL Z540-1-1994

Certificate No.: J0061895

Manufacturer: **Heitronics**

Description: **Infrared Thermometer**

Model No: **KT19.85**

Serial No: **1414**

Customer: **NASA Langley Research Center**
Customer PO:
Customer Asset No:

Temperature: 23
Humidity: 48
Procedure: W60985


Technician: **PLW**
Date Cal: **5/22/2006**
Date Due: **5/22/2007**

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 compared to consensus standards. Wintronics' calibration procedures comply with ANSI/NCSL Z540-1 & MIL-STD-45662A. Wintronics' Quality program is registered to ISO9001:2000.

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.
Hart Scientific	2563	Module, Thermistor	W143	8/11/2005	8/11/2006	J0057791
Hart Scientific	5610-9	Thermistor Probe	W145	4/10/2006	4/10/2007	J0061536


Peter Winter
President
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DOC#: W20029

