
Calibration Report: Infrared Thermometer (Pyrometer)

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Summary

Calibration Date: 6 March 2009 Next Calibration Date: 6 March 2010

A collection, analysis and calibration of data from a Heitronics Infrared Thermometer (Pyrometer), S/N:1416 has been completed. The calibration was performed by Wintronics, Inc. This data was collected by Wintronics on 6 March 2009.

MODEL: KT19-85
SERIAL NUMBER: 1416

The manufacturer's specifications of the Infrared Thermometer (S/N: 1416) 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.
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Millington, NJ 07946
Phone: (908) 647-0144 Fax: (908) 647-8379

Certificate of Calibration

ANSI/NCSL Z540-1-1994

Certificate No.: J0077398

Manufacturer: Heitronics	Description: Infrared Thermometer
Model No: KT19.85	Serial No: 1416

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

Temperature: 23	Technician: PLW
Humidity: 46	Date Cal: 3/6/2009
Procedure: W60985	Date Due: 3/6/2010

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	5610-9	Thermistor Probe	W145	4/10/2008	4/10/2009	J0072341
Hart Scientific	2563	Module, Thermistor	W143	8/16/2008	8/16/2009	J0074149


Peter Winter
President

Certified By

