

Calibration Report: Pyrometer (Infrared Radiation Thermometer)

S/N: 14734

Lilly Grear
NASA Langley/CRAVE Intern
Hampton, Virginia

Summary

Conformity date: 2022 Jan 12

Next Calibration date: As needed

A data sheet of Pyrometer (also known as an Infrared Radiation Thermometer or IRT), S/N: 14734 has been provided and conforms to the data indicated in the specifications stated on the following pages. It was performed on 2022 January 12 by Wintronics Inc., located in Millington, NJ.

Instrument Specifications:

Manufacturer: Heitronics

Model: KT15.85

Serial Number: 14734

Lens Type: K6

Application: We use Campbell Scientific (CS) hardware and Loggernet CS software.

1 DATA SHEET

Device type KT15.85 IIP

Base data

Serial number 14734
Spectral range 9.6 - 11.5 μm
Temperature range -100 °C – 200 °C
Lens K6
Spacer
Detector type A
Serial interface RS232
Code 6116

General configuration

Calibration factor 1.5089
Emissivity 1.000
Response time 1 s

Configuration analog output

Output signal 0 – 20 mA
Temperature range -100 °C – 200 °C

Configuration serial interface

9600 Baud, 8 Data, 1 Stop, No Parity
System-Handshake: Hardware (RTS/CTS)
Acknowledge: Off

Options

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Accessories

EasyConfig
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Others
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Hereby it is confirmed that the Infrared Radiation Thermometer specified above
conforms to the data indicated in the specifications.

Tester: *Heimann*

Wiesbaden, *01.12.2022*

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FOV Diagram KT19/KT15; SP_85 ; Det. A

