

Skin Temperature Screening - Certified Data Report

Customer Number: 1-310110

Customer: Test Customer
35 Vantage Point Drive
Rochester, NY 14624

Certificate Number/SO Number: 01-TEST1-1-1

Manufacturer: Extech	Issue Date: August 24, 2020
Model Number: IR200	
Description: Infrared Thermometer, Body	Test Procedure: PT1101-001
Serial Number: 123456	

The instrument serviced was tested using standards traceable to the SI units through the National Institute of Standards and Technology (NIST) or other recognized national metrology institutes (NMIs) and/or natural physical constants or by comparison to consensus standards. The infrared plate radiator source was set for an emissivity (ϵ) of 0.98 and operates in the spectral response $\lambda = (8 \text{ to } 14) \mu\text{m}$. The infrared plate radiator source temperature is set to simulate the temperature a human forehead would generate with an average core body temperature. This device was only tested in a mode for screening elevated skin temperature testing. If the instrument has an adjustable emissivity (ϵ), it was set to 0.99=8 for the test.

Notes:

	Equivalent Body Temperature (°F)	UUT Display (°F)	UUT Error (°F)	Programmed Offset
As-Found Temperature	98.60	97.60	1.00	0.00
As-Left Temperature	98.60	97.60	1.00	0.00
Approximate Test Distance from Source: 2 inches				

Traceable Standards

Asset	Manufacturer	Model Number	Description	Cal Date	Due Date	Traceability Number
12345	Fluke	4180	Precision Infrared Calibrator	October 1, 2019	October 1, 2020	S123456

Environmental Data

Temperature:	72.50°F	Humidity:	45.00%
---------------------	---------	------------------	--------

Serviced at:	Transcat	Facility Responsible:	Transcat	Tested by:	John Doe
	35 Vantage Pt Dr		35 Vantage Pt Dr		
	Rochester, NY 14624		Rochester, NY 14624		