



# REPORT OF CALIBRATION

Digital Thermometer  
Manufacturer: G&C LTD  
Model GrillEye  
S/N 1  
Channel 1  
Industrial Platinum Resistance Thermometer, S/N P1

Submitted by  
G&C LTD  
Stanfos, Greece



## REPORT OF CALIBRATION

Digital Thermometer  
Manufacturer: GrillEye  
Model GrillEye  
S/N 1

Industrial Platinum Resistance Thermometer, S/N P1

Submitted by  
G&C LTD  
Stanfos, Greece

An Industrial Platinum Resistance Thermometer, S/N P1, which was attached to a C&G LTD GrillEye unit, channel 1. S/N P1 was calibrated by comparison with a standard platinum resistance thermometer (SPRT) S/N 4386, in a stirred liquid calibration bath at 3 temperatures. The probe and SPRT were immersed to a depth of 10 cm. The results obtained are:

Bath Temperature °C	Digital Readout °C	U (k=2) m°C
73.999	74	2.4
89.002	89	2.4
100.008	100	4.8

The uncertainty of the digital thermometer is unknown and must be included by the user. For a discussion of the uncertainty, see NIST TN 1297, "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," by B.N. Taylor and C.E. Kuyatt, NIST TN 1411 "Reproducibility of the Temperature of the Ice Point in Routine Measurements," by B.W. Mangum and NISTIR 6225 "A New NIST Automated Calibration System for Industrial-Grade Platinum Resistance Thermometers," by G.F. Strouse, B.W. Mangum, C.D. Cross, and E.Y. Xu.

All Temperatures in this report are on the International Temperature Scale of 1990 (ITS-90). This temperature scale was adopted by the International Committee of Weights and Measures at its meeting in September 1989, and is described in "The International Temperature Scale of 1990", Metrologia **27**, No. 1, 3-10 (1990); Metrologia **27**, 107 (1990).

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Measurements performed: 06/25/21 to 06/30/21  
Report Date: 06/30/21



# **REPORT OF CALIBRATION**

Digital Thermometer  
Manufacturer: G&C LTD  
Model GrilleEye  
S/N 1  
Channel 2  
Industrial Platinum Resistance Thermometer, S/N P2

Submitted by  
G&C LTD  
Stanfos, Greece



## REPORT OF CALIBRATION

Digital Thermometer  
Manufacturer: G&C LTD  
Model GrillEye  
S/N 1  
Channel 2

Industrial Platinum Resistance Thermometer, S/N P2

Submitted by  
G&C LTD  
Stanfos, Greece

An Industrial Platinum Resistance Thermometer, S/N P2, which was attached to G&C LTD GrillEye unit, channel 2. S/N P2, was calibrated by comparison with a standard platinum resistance thermometer (SPRT) S?N 4386 in a stirred liquid calibration bath at 3 temperatures. The probe and SPRT were immersed to a depth of 10 cm. The results obtained are:

Bath Temperature °C	Digital Readout °C	U (k=2) m°C
73.999	74	2.4
89.002	89	2.4
100.008	100	4.8

The uncertainty of the digital thermometer is unknown and must be included by the user. For a discussion of the uncertainty, see NIST TN 1297, "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," by B.N. Taylor and C.E. Kuyatt, NIST TN 1411 "Reproducibility of the Temperature of the Ice Point in Routine Measurements," by B.W. Mangum and NISTIR 6225 "A New NIST Automated Calibration System for Industrial-Grade Platinum Resistance Thermometers," by G.F. Strouse, B.W. Mangum, C.D. Cross, and E.Y. Xu.

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