

TransCal Technologies LLP

Measurement to Perfection...

100, West Park Road (Between Sampige and Margosa Road)
10th Cross, Malleshwaram, Bengaluru - 560 003



CC-2231

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **NCQC Laboratory LLP.**
4,Abhishree Corporate Park, Near Swagat Bunglow BRTS, Iskcon-Ambli Road,Ambli,Ahmedabad-380058,Gujarat, India

SRF No. : TSC/24-25/11465 Dated : 25 Sep 2024 Cert.Issued Date : 28 Sep 2024

ULR.NO CC223124000110209F

Calibration Certificate Number	Calibrated Date	Calibration Due Date	Page Number
TSC/24-25/11465-1	26 Sep 2024	25 Sep 2025	1 of 2

Details of device under calibration Transcal ID : TSC511999

Nomenclature : Non Contact Pyrometer With Indicator	No. of Pages : 2
Make : AST	Cal Procedure No. : TSC/CAL/510
Model/Range : AST A250 PL	DUC Received : 25 Sep 2024
SI No. : A2B-001862	DUC Condition on Receipt : Satisfactory
ID No. : NCQC/T-93	Cal At : Thermal Lab
Calibrated By : Naveen Kumar S R, Sr.Calibration Engineer	

Environmental Conditions : Temperature in °C : 25.3 Humidity in RH % : 53

Standards used :

SI No.	Nomenclature	Make	Model	SI No/ID.No.	Certificate No.	Validity
1	IR Thermometer	HTC	IRX-65	202313703	TSC/24-25/INH/TCAL-431-1	31 Mar 2025

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of TransCal.
3. Errors if any, in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC is traceable to National/International Standards.
6. Corrections/erasing invalidate the Calibration Certificate.
7. Unless otherwise specified the Measurement Data reported is 'As Found'-Without any adjustment.
8. The Decision Rule:
Simple Conformity Decision: Decision without considering Measurement Uncertainty, "PASS" indicates measured value is within or on threshold of Tolerance limit/Accuracy. "FAIL" indicates measured value is beyond threshold of Tolerance limit/Accuracy. "--" indicates no tolerance limit/Accuracy furnished.

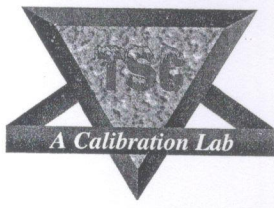
NCQC
Valid up to 25/09/2025
Reviewed *[Signature]*

NCQC System Certificate No 195



Reviewed & Authorised By

[Signature]
Janani V
(Sr.Calibration Engineer)



CAL CERT. NO : TSC/24-25/11465-1

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Results :

Range : 210 to 1350°C

LC : 0.1°C upto 999.9°C & above 1°C

Accuracy : $\pm 0.3\%$ Rdg. +1°C

: Emissivity set @ 0.95 upto 500 °C & 0.99 above 500 °C

Measurement of Temperature :

Sl. No.	DUC Reading (°C)	STD Reading (°C)	Deviation Observed (°C)	Measurement Uncertainty \pm (°C)	Remarks
1	210.6	210.2	0.4	3.74	Pass
2	300.6	300.4	0.2	3.74	Pass
3	400.5	400.2	0.3	3.74	Pass
4	600.8	600.5	0.3	3.92	Pass
5	800.7	800.4	0.3	3.92	Pass
6	1000	999.8	0.2	4.02	Pass
7	1200	1199.6	0.4	4.02	Pass

Conclusion / Remarks :

1 Accuracy mentioned as per customer request.

*** End of Certificate ***



Reviewed & Authorised By


Jagan V
(Sr. Calibration Engineer)