



Vaidyanatheshwara INSTRUMENTS



COMMITTED TO THE
CUSTOMER SINCE - 1996

CERTIFICATE OF CALIBRATION

No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.
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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Date of issue : 29-09-2022

Sheet : 1 of 1

Format No. : VI-FRM-ET-022	ULR No.: CC247322500029770F	Certificate No.: VI/22-23/1453-04
Customer Name and Address:	M/s.: Mag Engineering-Unit A., Plot No. 46/A, 3rd Main, 2nd Phase Peenya Industrial Area, Bangalore - 560 058.	
SRF No.	1453	Received Condition
		Satisfactory
CALIBRATED INSTRUMENT / EQUIPMENT DETAILS		
Nomenclature	Digital Temperature Controller	Make / Type
Range / Resolution	0 to 400 °C / 1 °C	ID. No.
Calibrated on	23-09-2022	Calibration due on
Calibration Done At	Onsite	Temperature / Humidity
Instrument Location	Point Shop C Thermopac-01 Machine No-256	
Discipline	Electro Technical	
MASTER EQUIPMENT TRACEABILITY DETAILS		
Sl. No.	Nomenclature	Make / Model
Sl. No. / ID.No.	Cal Agency / Certificate No	Validity
1	Temperature Calibrator	VICTOR / 14+
201090006708 / VII/OS/TC-05	VI, Bangalore VI/21-22/INT-ETH-502	21-01-2023 ✓
The master equipments used are traceable to National Standards		Ref. Doc. : SOP-37- 22
Test Results & Test Details :		
Sl. No.	Standard Input (°C)	DUC Reading (°C)
Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	0.0	0
0.0	---	---
2	50.1	50
-0.1	0.98 ✓	2.0
3	100.3	100
-0.3	0.98 ✓	2.0
4	200.5	200
-0.5	0.98 ✓	2.0
5	300.9	300
-0.9	0.98 ✓	2.0
6	401.3	400
-1.3	0.98 ✓	2.0
Note :		
Determination of various readings of above Instrument are from respective reference standards by direct comparison method.		
Conclusion : Measurement Uncertainty reported is at 95.45 % confidence level with k = 2.		
The Reported Results are valid only for the conditions of the received instruments at the time of and under the stated conditions of the calibration.		

Calibrated By

Madhusudhan

(Calibration Engineer)

Checked By

Guruprasad S C

(Lab In-Charge)

