

## CERTIFICATE OF CALIBRATION

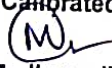
No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.  
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

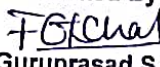
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

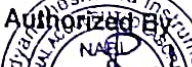
Date of issue : 29-09-2022

Sheet : 1 of 1

Format No. : VI-FRM-ET-022		ULR No.: CC247322500029772F		Certificate No.: VI/22-23/1453-06	
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	
<b>CALIBRATED INSTRUMENT / EQUIPMENT DETAILS</b>					
Nomenclature	Digital Temperature Controller	Make / Type		Selec / K	
Range / Resolution	0 to 400 °C / 1 °C	ID. No.		ME/42241/DTC-01	
Calibrated on	23-09-2022	Calibration due on		22-09-2023 ✓	
Calibration Done At	Onsite	Temperature / Humidity		26.5 °C / 54 % RH	
Instrument Location	Point Shop C Thermopac-02 Machine No-337				
Discipline	Electro Technical				
<b>MASTER EQUIPMENT TRACEABILITY DETAILS</b>					
Sl. No.	Nomenclature	Make / Model	Sl. No. / ID.No.	Cal Agency / Certificate No	Validity
1	Temperature Calibrator	VICTOR / 14+	201090006708 / VI/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	
<b>Test Results &amp; Test Details :</b>					
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	301.0	300	-1.0	0.98 ✓	2.0
6	401.6	400	-1.6	0.98 ✓	2.0
<b>Note :</b>					
Determination of various readings of above Instrument are from respective reference standards by direct comparison method.					
<b>Conclusion :</b> 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)

Authorized By  
  
Gangadhar C  
(Authorized Signatory)