

ULR Number	ULR - CC242824000011601F	Certificate Number	RPL-CF-2024-ET-CSRF-0974-C-2372
Date of Calibration	07.10.2024	Recommended due date	06.01.2025

Electro Technical Certificate of Calibration For Digital Temperature Controller

Jayasree Reva Phoenix Metrology (JRPM) certifies that the equipment has been calibrated / tested in accordance with a quality system registered to ISO 9001:2015 and conform to ISO/IEC 17025:2017 JRPM applicable procedures.

The measurement expanded uncertainties is expressed at 95% confidence level with a coverage factor equal to two ($k=2$).

Jayasree Reva Phoenix Metrology (JRPM) measurement standards are traceable through unbroken chain of comparison to the India's National Physical Laboratory and / or to National Standards. Calibration of all instruments, meters used are traceable to National Standards and their calibration are current.

This calibration report contains the results of calibration and / or other relevant data about the calibration. This report applies only to the item identified and shall not be reproduced except in full, without specific written approval by Jayasree Reva Phoenix Metrology (JRPM).

No statement of compliance with specifications is made or implied on this report. However, the results are reviewed to establish where any measurement results exceeded the manufacturers specifications and communicate results by means of this report.



Lab QR Code



Certificate QR Code

Calibration Procedure	As Received Conditions	As Shipped Condition
RPL-L03-DI-025-ET-012	Ok	Cleaned & Calibrated

Calibrated by	Reviewed & Approved by	
Identification	Identification	
RPL-SCode-448	RPL-SCode-002	





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Date of Performance of Calibration	07.10.2024	Date of Issue	14.10.2024
		Recommended Due Date	06.01.2025

Name & address of Customer	Cenerg Global Tools Pvt Ltd Plot No # 62 , EPIP, Pashamylaram, Sangareddy District, Telangana-502307.	Date Receipt	07.10.2024
		CSRF Number	RPL/SRF/2024/0974
		Location-Calibrated at	Onsite
		Po No / Po Date	SPO/24-25/00557 / 07.10.2024

Description of the Unit Under Calibration (UUC)

Description	Digital Temperature Controller	Model	AI
Range	0 to 1200 °C	Serial No	--
Least Count	1 °C	Identification No	036591
Make	YUDIAN	Accuracy	--
Location	--	Operating Range	0 to 1200 °C

Condition of unit under calibration on receipt	Ok
Method used - RPL Work Instruction Number	RPL-L03-DI-025-ET-012
Reference Standard (International / National)	Euramet/cg - 11 /v.02

Environmental details	Temperature (°C)	Start	25.6 °C	End	25.8 °C	Difference	0.2 °C
	Relative Humidity (%RH)		58.1 %RH		58.5 %RH		0.4 %RH
	Pressure (mbar)	25.7					

Details of Traceability - Master Equipment / Standard used for Calibration

Sl. No.	Description Master Equipment / Standard used for calibration	Traceable to National standards through
1	Multi Function Calibrator	JRPM-CF-2024-ET-CSRF-0388-C-1014, Valid till : 23.04.2025

Calibrated by	Reviewed & Approved by	
Identification RPL-SCode-448	Identification RPL-SCode-002	



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Discipline : Electro Technical

Calibration Results

Sl. No.	Reference Value (Master)	Observed Value (UUC)	Error	Expanded Uncertainty (±)
	°C	°C	°C	°C
1	0	0	0	0.70
2	100	100	0	0.70
3	200	200	0	0.70
4	400	400	0	0.70
5	600	600	0	0.70
6	800	801	1	0.70
7	920	921	1	0.85
8	1000	1001	1	0.85
9	1200	1201	1	0.76



Calibrated by		Reviewed & Approved by		m.2
Identification	RPL-SCode-448	Identification	RPL-SCode-002	





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Mandatory Annexure to Calibration Certificate

1. Calibration Certificate includes all the information as agreed with Customer and as necessary for the interpretation of the results and all information required by the method used, including, additions to deviations, or exclusions from the method, where applicable.
2. All issued reports are retained as technical records by our Laboratory as per ISO/IEC 17025: 2017 requirements.
3. Metrological traceability to National | International Standards as per ISO/IEC 17025: 2017 requirements is maintained by our Laboratory and Calibration reports do not contain any recommendation on Calibration interval, except where this has been agreed with the Customer.
4. Laboratory is responsible for all the information provided in the report, except when information is provided by the customer. Data provided by a customer, where applicable, is clearly identified, as they can affect the validity of results.
5. Measurement Uncertainty reported is at approximately 95% confidence level with k=2; Unit of measurement result and measurement uncertainty are same as that of range selected, unless otherwise indicated in the Calibration certificate.
6. Calibration Certificate is issued in accordance with the terms and conditions laid down by our accreditation body (NABL) which has assessed our measurement capability and its traceability to recognized National | International standards.
7. The metrological traceability of Masters to National and International Standard is established through unbroken chain of calibration.
8. Calibration Certificate pertains only to the particular item(s) submitted and reported for calibration and shall not be reproduced except in full, without the written approval from our Laboratory.
9. Results reported in the Calibration Certificate are valid at the time of and stated conditions of measurement of the Unit under Calibration.
10. Error(s), if any, in the Calibration Certificate, shall be brought to the notice of Laboratory within 30 days from the date of issue. Amendments to Certificate will not be entertained thereafter.
11. Calibration Certificate is issued based on Customer requirements for Scientific and Industrial purposes and not meant for other purpose and shall not be produced in the court of law.
12. Legal Aspects: Calibration of Weights, Density of solids, Load cell, UTM, Pressure Dead Weight Tester, Pressure Gauge. Liquid-in-glass Thermometer done by our Laboratory is meant for scientific and industrial purpose only. However, if used for commercial trading, additional recognition/ approval shall be complied as required by Department of Legal Metrology, Regulatory body, etc.
13. Laboratory is not liable for any change in the reported data and performance specification on account of malfunctioning of Standards | Instruments | Equipment covered by this Certificate due to damage caused to it after the issue of this Certificate.
14. Any corrections | changes | erasing | modifications | unauthorized Seal, Stamp or Signature on this Calibration Certificate invalidate this Certificate.
15. Unless otherwise specified, the measurement data reported is considered "As found data - without any adjustments."
16. Decision Rule: No conformity statement (Pass | Fail | Accepted | Rejected) is provided, unless otherwise indicated clearly on this report.
17. NABL Guideline 133 is adopted for the use of NABL Symbol.
18. This report pertains only to the sample | equipment submitted and shall not be reproduced in part or full, without explicit written permission from our Laboratory.

Calibrated by		Reviewed & Approved by		
Identification	RPL-SCode-448	Identification	RPL-SCode-002	



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For any further information, assistance or feedback; please contact:

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Our Accredited Calibration Laboratories:

- Acceleration, Speed & Vibration, Acoustics
- Mechanical - Density & Viscosity
- Mechanical - Dimension - Basic Measuring Instrument, Gauge etc.
- Mechanical - Dimension - Precision Instruments
- Electro Technical - Time & Frequency, Simulation, Electrical Equipment, AC & DC
- Fluid Flow, Air & Water - Flow Measuring Devices
- Mechanical - Force, Push Pull, UTM, Durometer, Mobile Force Measuring System
- Mechanical - Hardness Testing Machines
- Mechanical - Impact Testing Machine
- Mechanical - Mass & Volume, Weighing Scale & Balance, Weights
- Optical Metrology, Lux Meter & Lamp
- Mechanical - Pressure Indicating Devices
- Thermal - Temperature, Specific Heat & Humidity
- Torque - Generating Devices, Torque Wrench
- Torque - Measuring Devices, Torque Sensors

Calibration Services:

Mechanical | Dimension – All Basic & Precision Equipment| CMM Calibration | Pressure – Upto 4000 Bar | Torque – upto 3000 Nm | Mass El| Volume – Micro Pipette| Electro-Technical MFC & Oscilloscope | Thermal – Furnace Mapping & Pyrometer upto 1750°C | Force | Optics | Light Source | Lux Meter (1 to 2,00,000 Lux) | Acceleration | Speed | Tachometer | Rubber Hardness Tester | Fluid Flow |Anemometer | Acoustics | Mechanical Calibration | Rockwell | Brinell | Vickers | Micro-Vickers | UTM Calibration | UTM CTM TTM | Impact Testing Machine Calibration | Force Gauge | Push Pull Gauge | Leeb's Hardness | Portable Hardness Tester | Dynamic Hardness Tester | El Calibration | Density & Viscosity | Air Flow Meters | pH Meter | Conductivity Meter | Lab Master Equipment Calibration

Scope of Accreditation:

Please contact our Laboratory to get a copy of our ISO/IEC 17025: 2017 Accredited Certificate and Scope of Calibration. You may also download the same directly from NABL Website.

