

# R-TECH CALIBRATION



ISO/IEC 17025:2017 - NABL ACCREDITED LABORATORY
52/1, Pathak Para Road, Behala, Room No. G1, Kolkata - 700 060

## CALIBRATION CERTIFICATE



ULR:		CC3301230000	007705	OFFICIOATENIO		x 200.5	
000012000001101		CERTIFICATE NO.:	RTC/23/770				
Date of K	eceipt	Date of Calibration	Certificate Issue Date	Location of Calibration	Suggested Due Date	SRF No./ Date	
30-Nov-23		<b>30-Nov-23</b> 02-Dec-23		SITE	29-Nov-24	SRF/23/063	
			NOSTIC SERVICES	Envir	onmental Conditions		
ame of Customer : M/s		Post Office C	how Mohani, Hotel	E-11411	ommental conditions	onditions	

Dolphin Building, Agartala (West)

Tripura - 799 001

Temperature: 25 ± 4°C

Relative Humidity: 50 ± 20% RH

Description of DUC	Centrifuge			Make	Remi Elektrotechnik LTD	Pango	3500 RPM
Name of Equipment:		Centrifuge		Modle		Range	1 RPM
Condition of Item:	Good	Calibration Discipline	Mechanical	ID. No.	CF-01	Type	
Location of DUC:	N/M	Calibration Parameter:		Sr. No.	ZIAN03299	Type	Analog N/M

### REFERENCE STANDARD & MEASUREMENT TRACEABILITY

Mana	0 :				
Name	Serial No.	Certificate No.	Calibration Date	Due Date	Traceability No.
Dig. Tachometer	1610202021			Due Date	Traceability No.
Dig. raciforneter	1610208981	ATL/E/220523/009	15-May-23	15-May-24	CC-2590

Calibration Procedure No.: The Calibration is carried out as per the "RTC-CP-M-04".

#### **CALIBRATION RESULT**

Sr. No.	Calibration Point	Avg. Standard Reading	Avg. DUC Reading	Deviation	Expanded Uncertainty
	(RPM)	(RPM)	(RPM)	(RPM)	(RPM)
1	500	500.5	500	-0.5	±16
2	1000	1003	1000	-3	±16
3	2000	2001	2000	-1	±16
4	3000	3002	3000	-2	±16
5	3500	3503	3500	-3	±16

Note: \*DUC: Device Under Calibration , N/M : Not Mentioned.

The Error is positive except when indicated otherwise. It has to algebraically subtracted from DUC Reading in order to get the standard reading.

The Expanded Uncertainty associated with measurement at 95.4% confidence level & coverage factor K = 2 is above under uncertainty column.

#### Note:-

- 1. This certificate refers only to the particular item(s) submitted for calibration at Site/Laboratory.
- 2. Results reported are valid at the time of and under the stated conditions of measurement.
- 3. Certificate should not be reproduced, except in full, without the prior permission of Laboratory.
- 4. Next Calibration due date mentioned as per customer requirement.
- 5. All reference standard used for calibration are traceable to National Standard.

\*\*\*\* End of Certificate \*\*\*\*\*\*



Calibration Engineer
(Chandan)

Authorized Signatory
(Ramasare Prajapati)

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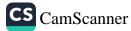




**CALIBRATION** 

SALES & SERVICE

REPAIR





# R-TECH CALIBRATION



16-May-24

Traceability No.

CC-2590

ISO/IEC 17025:2017 - NABL ACCREDITED LABORATORY

52/1, Pathak Para Road, Behala, Room No. G1, Kolkata - 700 060

## CALIBRATION CERTIFICATE



ULR:		CC330123000	0000769E		CEPTIFIC ATE AND A SECOND PROPERTY OF THE PROP			
Date of Receipt Date of Calibration Certificate Issue Date				CERTIFICATE NO.:		RTC/23/769		
29-Nov-23		-Nov-23	I as		Location of Calibration		Suggested Due Date	SRF No./ Date
		-1107-23	02	-Dec-23		LAB	29-Nov-24	SRF/23/063
	IN	STANT DIA	GNOSTIC	SERVICES				
Name of Customer:	: M/s	Post Office	Chow Moha	ni, Hotel	Environmental Conditions			
		Dolphin Building, Agartala (West) Tripura - 799 001			Temperature: 25 ± 4°C		Relative Humidity: 30 to 75% RH	
Description of DU	C	Digital Ther	mometer /P	on Tuno)				
Name of Equipmen	nt:	Digital Ther	mometer (P	en Type)	Model ST-9283B	Multi	Range	-50 to 300°C
Condition of Item	: Good	Calibration	Discipline				0.1°C	
Location of DUC	: N/M			Thermal	0 11		DTM-01	Digital
			didilictor.	Temperature	Sr. No.	N/M	Accuracy	N/M
		REFEREN	NCE STAND	OARD & MEASU	REMENT T	RACEABILI	TV	
Name	Se	rial No.		ficate No.				
4 Wire RTD	201.73	7925 (indi )		ACCEPCA (CO.	Galibra	tion Date	Due Date	Traceability No.

Calibration Procedure No.: The Calibration is carried out as per the "RTC-CP-T-01".

20L737925 (indi.

### CALIBRATION RESULT

16-May-23

ATL/T/160523/002

Sr. No.	Calibration Point (°C)	Avg. Standard Reading (°C)	Avg. DUC Reading	Deviation	Expanded Uncertainty
1	50	50.10	1	(°C)	(°C)
2	100		50.0	-0.10	±0.93
3		99.99	99.9	-0.09	±0.93
3	150	150.03	150.1	0.07	
4	180	180.01	179.9		±0.93
5	200	200.14	The state of the s	-0.11	±0.93
		200.14	200.2	0.06	±0.93

Note: \*DUC: Device Under Calibration, N/M: Not Mentioned.

The Error is positive except when indicated otherwise. It has to algebraically subtracted from DUC Reading in order to get the standard reading. The Expanded Uncertainty associated with measurement at 95.4% confidence level & coverage factor K = 2 is above under uncertainty

#### Note :-

4 Wire RTD

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\*\*\*\*\*\* End of Certificate \*\*\*\*\*\*

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Calibration Engineer (Vishal Kumar)

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**Authorized Signatory** (Ramasare Prajapati)

033-3557 4693

7044226000 / 7891753269

REPAIR

CALIBRATION

**SALES & SERVICE** 

rtechgroups06@gmail.com lab@rtechcalibration.in info@rtechcalibration.in



http://rtechcalibration.in

