



Scientific Temper



Honesty, Humility

**NORTHLAB (INDIA) PVT. LTD.**Laboratory : Plot No. 1, S.V Nagar, Perumalpattu, Thiruvallur - 602 024.  
Ph.: +91 89399 23940 / 89399 40050 E-mail: sales@northlab.in Website: www.northlab.in**Calibration Certificate**

CC-2457

Cert. No.	: 2360622-M316	ULR. No.	: CC245722700002909F
Date of Issue	: 22-Jun-2022	Page	: 1 of 1
Customer	: ICTC	Date Received	: 21-Jun-2022
Address	: Community Health Centre, Thenoor Main Road, Thenoor - 609 607,	Date Calibrated	: 21-Jun-2022
		Due Date	: 20-Jun-2023
		Ambient Temp.	: 23±2°C
		Relative Humidity	: 55±20% r.h.
Instrument	: <u>CENTRIFUGE</u>	Serial No.	: CKM491
Manufacturer	: EITEK	Instrument ID.	: ---
Model No.	: TC650D	Range	: 0-5000r.p.m(10r.p.m)
Part No.	: ---	Accuracy / MPE	: ---
Location	: ICTC-LAB	Test Results	: As Found

**METHOD OF CALIBRATION**

The instrument was calibrated as per method no. MRM (Based on TR 45-02)at customer premises in accordance with ISO/IEC 17025:2017(E).

Standard Instrument Used	ID No. / Cert. No	Cal. Date	Cal.Due	Traceability
1. DIGITAL TACHOMETER	HT/CC/220407-05/001	13-Apr-2022	12-Apr-2023	HI TECH

**RESULTS OF MECHANICAL CALIBRATION**

NON-CONTACT					
INSTRUMENT READINGS (r.p.m)	NOMINAL VALUES (r.p.m)	CORRECTION (r.p.m)	TOLERANCE (r.p.m)	STATUS	MEASUREMENT UNCERTAINTY ± (r.p.m)
1000	1000.3	0.3	---	---	0.35
2000	2000.9	0.9	---	---	0.64
3000	3001.2	1.2	---	---	0.93
4000	4001.6	1.6	---	---	1.21
5000	5002.1	2.1	---	---	3.13

**REMARKS / DEVIATIONS IF ANY (SEE BACK OF THIS PAGE)**

K. Sankar  
K.Sankar  
Calibration Officer



A.Murugappan / L.Muthuraman  
Authorised Signatory  
NorthLab (I) Pvt. Ltd

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

“களவினால் ஆகிய ஆக்கம் அளவிறந்து  
ஆவது போலக் கெடும்” -குறள் 283



The property, which is acquired by fraud, will pass all bounds  
and perish, even while it seems to increase. - Kural 283



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## Calibration Certificate

Cert. No. : 2360622-E115	ULR NO : CC245722600003723F
Date of Issue : 23-Jun-2022	Page : 1 of 1
Customer : ICTC	Date Received : 22-Jun-2022
Address : Community Health Centre, Thenoor Main Road, Thenoor - 609 607,	Date Calibrated : 22-Jun-2022
Instrument : <u>TIMER (CENTRIFUGE)</u>	Due Date : 21-Jun-2023
Manufacturer : ELTEK	Ambient Temp. : 25±2°C
Model No. : TC 650D	Relative Humidity : 60±10% r.h.
Part No. : ---	Serial No. : CKM 491
Location : ICTC	Instrument ID. : ---
	Range (Res.) : 0-99min
	Accuracy / MPE : ---
	Test Results : As Found

### METHOD OF CALIBRATION

1. The instrument was calibrated as per method no. ETIM at customer premises in accordance with ISO/IEC 17025:2017(E).

### Master Instrument Used

Cert. No

Cal. Date

Validity

Traceability

1. Digital Timer

TSC/21-22/13349-1

25-Dec-2021

25-Dec-2022

TRANSCAL

### RESULTS OF ELECTRO TECHNICAL CALIBRATION

MASTER VALUE				DUC READING				CORRECTION		TOLERANCE (±) s	STATUS
Hr.	min.	sec.	1/100 s.	Hr.	min.	sec.	1/100 s.	sec.	1/100 s.		
00	05	00	02	---	05	00	---	00	02	---	---
00	10	00	05	---	10	00	---	00	05	---	---
00	15	00	07	---	15	00	---	00	07	---	---
00	30	00	13	---	30	00	---	00	13	---	---
00	45	00	19	---	45	00	---	00	19	---	---

### REMARKS / DEVIATION IF ANY

(SEE BACK OF THIS PAGE)

1. This result has an expanded uncertainty of ±0.47s with a coverage factor k=2 at approximately 95% confidence level.

K. Dinesh Kumar  
Calibration Officer



L. Muthuraman / A. Alexander / U. Akshaya  
Authorised Signatory  
NorthLab (I) Pvt. Ltd

\*\*\*End Of Certificate\*\*\*



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