

Scientific Temper



**Honesty, Humility** 





CC-2457



Laboratory: Plot No. 1, S.V Nagar, Perumalpattu, Thiruvallur - 602 024.
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# Calibration Certificate

Cert. No.	: 2360622-M316	ULR. No.	: CC245722700002909F
Date of Issue	: 22-Jun-2022	Page	: 1 of 1
Customer	: ICTC	Date Received	: 21-Jun-2022
		Date Calibrated	: 21-Jun-2022
Address	: Community Health Centre,	Due Date	: 20-Jun-2023
	Thenoor Main Road,	Ambient Temp.	: 23±2°C
	Thenoor - 609 607,	Relative Humidity	: 55±20% r.h.
Instrument	: CENTRIFUGE	Serial No.	: CKM491
Manufacturer	: EITEK	Instrument ID.	Marie and discount of
Model No.	: TC650D	Range	: 0~5000r.p.m(10r.p.m)

## METHOD OF CALIBRATION

: ICTC-LAB

Part No.

Location

NORTHLAB

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
1.	DIGITAL	TACHOMETER

ID No. / Cert. No HT/CC/220407-05/001

Cal. Date 13-Apr-2022

Accuracy / MPE

Test Results

Cal.Due 12-Apr-2023

: ---

: As Found

Traceability 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 Calibration Officer CHECKED THE CHECKED

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

A.Murugappan / L.Muthuraman Authorised Signatory

NorthLab (I) Pvt. Ltd







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# Calibration Certificate



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

### METHOD OF CALIBRATION

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
I. 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,	STATUS		
Hr.	min.	sec.	1/ <sub>100</sub> s.	Hr.	min.	sec.	1/ <sub>100</sub> s.	sec.	1/100 s.	(±) 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)

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



L.Muthuraman / A.Alexander /U.Akshaya Authorised Signatory

NorthLab (I) Pvt. Ltd

''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