



# RK Technologies

## Calibration and Validation Services

Address : Flat No.302, Third Floor, Krishna Pride Apartment,  
Sadguru Nagar, Pathardi Gaon, Nashik-422 010.  
Mobile : +91 9028646172, +91 9028777244  
E-mail : rktechnologies99@gmail.com  
Website : www.rktechcalibration.com

Calibration of Electro technical,  
Thermal, Pressure, Mechanical,  
Force & Hardness parameters.

Validation of All types of  
Temperature & Humidity parameters.



CC-2497

### CALIBRATION CERTIFICATE

Calibration Item	Digital Timer	Certificate No	2021-07-104-2862
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Date of Receipt	Date of Calibration	Next Recommended Due Date	Certificate Issue Date	Page No
25 July 2021	26 July 2021	25 July 2022	28 July 2021	01 of 01

**I. Customer Name** M/S. LOTUS DIAGNOSTICS.  
shop no.5 Chandresh CHS,near lotus hospital, devki nagar, Borivali west, Mumbai 103  
Customer Refrence Through : Avi Scientific (India), Mumbai Through Challn No : ASCS/QC/644

#### II. Description of Item Under Calibration :

Instrument ID No	LD/DT/02	Range	0 to 99 min
Make / Model	ERMA / DT-1045	Resolution	1 Sec
Type	Electronic Timer		

#### III Environment Condition :

Temperature	20 to 35 °C	Work Instruction No	RK-WI-03 / Discipline : Electro - Technical
Relative Humidity	45 % to 75 % RH	Reference Standard Used	IS-5834
Location Of Calibration	In Lab	Conditioned of Receipt Item	Good

ULR NO. CC249721000002862F

#### IV. Detail of Refrence Stanadard used for calibration ( Traceable To National / International Standard )

Instrument Name	ID No	Traceability (Cert No)	Date of Calibration	Valid upto	Traceability
Time Calibrator	RK-STD-27	M-200817-12-1	18 August 2020	18 August 2021	NABL CC-2634

#### V: Calibration Result :

Calibration Points	Standard Reading	Set UUC Reading	Error	± Expanded Uncertainty
Unit : min	Unit : min	Unit : min	Unit : min	Unit : sec
1	1.005	1	0.00	21.8
5	5.005	5	0.00	21.8
10	10.007	10	-0.01	21.8
30	30.008	30	-0.01	21.8
60	60.010	60	-0.01	21.8

The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for normal distribution

#### VII : Note:

- 1) UUC stands for Unit Under Calibration.
- 2) Next calibration date (1 Year) mentioned in the certificate is given as per customer request
- 3) This certificate refers only to the particular item submitted for calibration
- 4) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "RK Technologies, Nashik".
- 5) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.

Calibrated By  
**Mr. Rakesh Kasture**  
Calibration Engineer



Review & Approved By  
**Mr. Rahul Kasture**  
Technical Manager

\*\*\*\*\* End of Report \*\*\*\*\*

Format No. RKF - 31