

ARR@W INSTRUMENTS

CALIBRATION

6/875, Lakshmi Nagar, Near Government School,
Thoppampatti, Coimbatore - 641 017.
Mobile : 94433-55420, 82200-55434



E-mail : arrowinstrument@yahoo.co.in

CALIBRATION CERTIFICATE

JOB ORDER NO	AIC/SRF/22-23/220306	PAGE NUMBER	01 of 02
CERTIFICATE NUMBER	AIC/22-23/220306-01	ULR NO:CC267422000001304F	Date of Issue:05-03-2022
CUSTOMER ADDRESS	M/S GOVERNMENT HEAD QUARTERS HOSPITAL, PERIYAKULAM, THENI.		

DEVICE UNDER CALIBRATION DETAILS

NOMENCLATURE	CENTRIFUGE
MAKE	VIDIOCON
MODEL NO	REFSI80
SERIAL NUMBER	10651
RANGE	0-4000 RPM
RESOLUTION	1 RPM
LOCATION	ICTC LAB
ID NUMBER	-
DEVICE UNDER CALIBRATION RECEIVED DATE	3-Mar-22
CALIBRATION DATE	3-Mar-22
RECOMMENDED NEXT DUE DATE	2-Mar-23
CONDITION OF ITEM ON RECEIPT	GOOD

REFERENCE STANDARDS DETAILS

	MASTER 1	MASTER 2	MASTER 3
NOMENCLATURE	DIGITAL TACHOMETER		
MAKE	LUTRON		
MODEL NO	DT-2236		
SERIAL NUMBER	S009576		
RANGE (RPM)	2.5 to 99999		
TRACEABILITY DETAILS	CRMTL/01/421105005-A3		
VALIDITY	31-Jan-23		

TEMPERATURE (°C)	25± 3	RELATIVE HUMIDITY (%RH)	40-80
CALIBRATION PROCEDURE	CP-M02-2016		

CALIBRATED BY R.UVARAJ CALIBRATION ENGINEER	 SEAL OF ARROW	APPROVED BY A.MASILAN TECHNICAL MANAGER
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CALIBRATION CERTIFICATE

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CALIBRATION RESULTS

Range	DUC Readings	Master Reading	Deviation	Expanded Uncertainty (\pm) in %
RPM	RPM	RPM	RPM	%
0-4000 RPM	500	499.6	-0.4	0.42
	1000	998.9	-1.1	0.22
	2000	1997	-3	0.14
	3000	2997	-3	0.11
	3500	3493	-7	0.14
	5000	4991	-9	11.48

REMARKS

- 1.The above mentioned device under calibration was calibrated at Site.
- 2.The recalibration interval should be determined on the user requirement.
- 3.The results stated in this certificate relate only to the item calibrated.
- 4.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 5.Any correction / Modification in this calibration report kindly inform with in 30 days.
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor $k=2.00$.
- 7.Calibration of the DUC are traceable to National Standards/International Standards.

<p>CALIBRATED BY</p> <p><i>R. Uvaraj</i></p> <p>R.UVARAJ</p> <p>CALIBRATION ENGINEER</p>	<p>SEAL OF ARROW</p>	<p>APPROVED BY</p> <p><i>A. Masilan</i></p> <p>A.MASILAN</p> <p>TECHNICAL MANAGER</p>
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