



Perfect Calibration Centre Pvt. Ltd.

No.40, 71st Cross, 5th Block, Rajaji Nagar, Bangalore - 560 010.
 Ph : 080-2315 5522, 2315 5577, 2315 5588, 99726 97733
 E-mail : infobl@perfectcallab.in / perfectblr@yahoo.in
 Website : www.perfectcallab.in



CC - 2247

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR-CC224721000001805F
 ISSUE DATE : 25/01/2021

CERTIFICATE NO : PC-01-21/ATL/0194-02
 CAL DATE : : 23/01/2021
 DUE DATE : 22/01/2022
 PAGE NO. : 1/1

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
 NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
 MADURAI - 625 007.
CUST REF : Letter dated : 23/01/2021
DEPT. : AT OUR LAB

DATE OF RECEIPT : 23/01/2021
 PHYSICAL CONDITION ON RECEIPT : SATISFACTORY
DETAILS OF DEVICE UNDER CALIBRATION

LUX METER

MAKE	HTC	RANGE	0 to 2000 Lux
MODEL	LX-103	L.C	0.1x, x1, x10, x100 Lux
SL. NO.	T119527	TYPE	DIGITAL

ENVIRONMENTAL CONDITIONS:

TEMPERATURE : 20.7° C
 HUMIDITY : 53 % RH

NO.	STANDARD USED	SL. NO.	CERT. NO.	VALIDITY
1	LUX METER	070518	PC-03-20/ATL/0031A-01	10/03/2021


CALIBRATION PROCEDURE : PCCPL/CAL/OP/001

CALIBRATION RESULTS:

SL.NO.	STD METER READING	UUC METER READING	OBSERVED DEVIATION	UNCERTAINTY MEASUREMENT(%)
1	100.3 lux	99.3 lux	-1.0 lux	6.5
2	500.7	498.1	-2.6	6.5
3	1000.9	998.2	-2.7	6.6
4	1501	1497	-4	6.6
5	2005	1993	-12	4.8

THE REPORTED UNCERTAINTY IS AT COVERAGE FACTOR k = 2, WHICH CORRESPONDS TO A CONFIDENCE LEVEL AT 95 %.

*** End Of Certificate ***


 N.PRABU
 Calibration Engineer & Prepared by




 G. KARTHICK
 QUALITY MANAGER
 AUTHORISED SIGNATORY

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01
 BLR



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
 Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
 Email : perfectcallab.info@gmail.com / info@perfectcallab.in



CC - 2207

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003303F

CERTIFICATE NO.: PC-01-21/ATL/0339-04

ISSUE DATE : 25/01/2021

CUS.NAME : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;

CALIBRATION DATE. : 23/01/2021

ADDRESS NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
MADURAI - 625 007.

RECOMMENDED DUE DATE. : 22/01/2022

PAGE NO. : 1/2

CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT OUR LAB

DIGITAL MANOMETER

DUC DETAILS

MAKE : LUTRON	DATE OF RECEIPT : 23/01/2021
MODEL : PM-9100	CONDITION ON RECEIPT : Visual Inspection Ok
SL.NO. : 625447	TEMPERATURE : 22.3° C
ID.NO : -	HUMIDITY : 52%RH
TYPE : DIGITAL	
RANGE : 0 to 1500.123 mmhg	
L.C : 1 mmhg	
ACCURACY (±) : 2 % FSD	

STANDARDS USED FOR CALIBRATION

NOMENCLATURE	MAKE	ID.NO & SL.NO	RANGE & UNCERTAINTY	CERT. NO	VALIDITY
DIGITAL PRESSURE CALIBRATOR	DRUCK	61019062	-1 to 20 bar(g) & ± 0.0022 bar	CS/20/LB/MP/281-01	21/10/2021

All Master Equipments are Traceable to National / International standards

CALIBRATION PROCEDURE : PCCPL/WI/M/22

CALIBRATION SEQUENCE : C

REFERENCE STANDARD : DKD- R 6-1, IS 3624, EURAMET-cg-17.01

MEDIUM OF CALIBRATION : AIR

CALIBRATION RESULTS:

MECHANICAL CALIBRATION

METHOD OF CALIBRATION : COMPARISON & METHOD - I

Pressure Calibration input: P1

SL.NO.	DUC Reading	STD Reading in	mmhg	Mean value	Hysteresis	Observed Deviation	Error	Expanded Uncertainty (±)
	(P _{ind})	(P _{std})		\bar{P}	h	ΔP	FSD	U
	mmhg	M ₁ ↑	M ₂ ↓	mmhg	mmhg	mmhg	%	mmhg
1	75	74.9	74.9	74.90	0.00	0.10	0.007	-
2	150	149.9	149.8	149.85	-0.10	0.15	0.010	63.316
3	300	299.9	299.8	299.85	-0.10	0.15	0.010	63.316
4	600	599.8	599.7	599.75	-0.10	0.25	0.017	63.316
5	900	899.8	899.6	899.70	-0.20	0.30	0.020	63.316
6	1200	1199.7	1199.6	1199.65	-0.10	0.35	0.023	63.316
7	1500	1499.6	1499.5	1499.55	-0.10	0.45	0.030	63.316

V.S.
V. Srinivasan

Calibration Engineer & Prepared by



Calibrated / Checked by



J. Chandrasekar, S
CHANDRASEKAR, S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
 Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
 Email : perfectcallab.info@gmail.com / info@perfectcallab.in



CC - 2207

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003303F

CERTIFICATE NO.: PC-01-21/ATL/0339-04

PAGE NO. : 2/2

RANGE : 0 to 1500.123 mm hg

L.C : 1 mm hg

ACCURACY (±) : 2 % FSD

Pressure Calibration input:P2

SL.NO.	DUC Reading	STD Reading in	mm hg	Mean value	Hysteresis	Observed Deviation	Error	Expanded Uncertainty (±)
	(P _{ind})	(P _{std})		\bar{P}	h	ΔP	FSD	U
	mm hg	M ₁ ↑	M ₂ ↓	mm hg	mm hg	mm hg	%	mm hg
1	0	0.0	0.0	0.00	0.00	0.00	0.000	0.577
2	-75	-74.9	-74.9	-74.90	0.00	149.90	9.993	0.577
3	-150	-149.8	-149.9	-149.85	-0.10	299.85	19.988	0.597
4	-300	-299.7	-299.8	-299.75	-0.10	599.75	39.980	0.597
5	-600	-599.6	-599.7	-599.65	-0.10	1199.65	79.970	0.597
6	-900	-899.5	-899.5	-899.50	0.00	1799.50	119.957	0.577
7	-1200	-1199.4	-1199.4	-1199.40	0.00	2399.40	159.947	0.577
8	-1500	-1499.4	-1499.3	-1499.35	0.10	2999.35	199.940	0.597

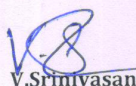
Differential Pressure Calibration input:P1&P2

SL.NO.	STD applied pressure in	mm hg	Differential pressure to be	DUC Reading (Differential pressure)	Observed Deviation	Error	Expanded Uncertainty (±)
	(P _{std})		(P _{ind})	(P _{ind})	ΔP	FSD	U
	P1	P2	mmhg	mm hg	0	%	mm hg
1	75.1	0.0	75.1	75	-0.10	-0.007	0.577
2	150.2	0.0	150.2	150	-0.20	-0.013	0.577
3	600.2	600.0	600.1	600	-0.10	-0.007	0.597
4	1200.3	1200.0	1200.1	1200	-0.10	-0.007	0.597
5	1500.1	0.0	1500.2	1500	-0.20	-0.013	0.597
6	0.0	0.0	0.0	0	0.00	0.000	0.577

Conclusion/Remarks:

- The Calibration Results are within the accuracy limit
- The Expanded Uncertainty is at coverage factor $k=2$, which corresponds to a confidence level at 95 %
- This Calibration certificate used for scientific and industrial purpose only. However, if used for commercial trading, additional recognition/ approval shall be complied as required by Dept. of Legal metrology, Regulatory bodies, etc.
- Calibration status : Accepted

End of the certificate


V.Srinivasan

Calibration Engineer & Prepared by



Calibrated / Checked by




CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No.40, 71st Cross, 5th Block, Rajaji Nagar, Bangalore - 560 010.
 Ph : 080-2315 5522, 2315 5577, 2315 5588, 99726 97733
 E-mail : infobl@perfectcallab.in / perfectblr@yahoo.in
 Website : www.perfectcallab.in



CC - 2247

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

ULR-CC224721000001804F

CERTIFICATE OF CALIBRATION

CERTIFICATE NO. : PC-01-21/ATL/0194-01

ISSUE DATE : 25/01/2021

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
 NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
 : MADURAI - 625 007.

CAL DATE : 23/01/2021
 DUE DATE : 22/01/2022
 PAGE NO. : '1/1

CUSTOMER REFERENCE : Letter dated : 23/01/2021

Calibrated At : AT OUR LAB

DATE OF RECEIPT : 23/01/2021

PHYSICAL CONDITION ON RECEIPT : SATISFACTORY

DETAILS OF DEVICE UNDER CALIBRATION

DIGITAL THERMO HYGROMETER

MAKE	BEETECH	MODEL	088 CTH-2
SL.NO		CAL.RANGE	10 to 45°C / 15 to 95 %RH
ID NO.	ACE/TH-01	L. C.	0.1°C / 1% RH

ENVIRONMENTAL CONDITIONS:

TEMPERATURE : 25.8°C

HUMIDITY : 56%RH

NO.	STANDARD USED	ID.NO./SL.NO.	CERT.NO	VALIDITY
1	TEMP.& HUMIDITY METER WITH SENSOR	2115 / 20126852	30030089	29/09/2021
2	SSPRT WITH INDICATOR	17C121046	PC-09-20/ATL/026-02	01/09/2021

The standards used are traceable to National / International Standards.

THERMAL CALIBRATION

Cal Procedure No: PCCPL/CAL/TH/001,009

COMPARISON METHOD

CALIBRATION RESULTS FOR TEMPERATURE @ 50% RH

Sl No.	STD Reading(°C)	DUC Reading(°C)	Observed Deviation(°C)	Measurement Uncertainty (±) °C
1	9.91	10.1	0.19	0.14
2	19.70	19.9	0.20	0.14
3	29.78	30.1	0.32	0.14
4	39.78	40.2	0.42	0.14
5	44.80	45.3	0.50	0.14

CALIBRATION RESULTS FOR HUMIDITY @ 25°C

Sl No.	STD Reading(%RH)	DUC Reading(%RH)	Observed Deviation %RH	Measurement Uncertainty (±)%RH
1	15.41	15	-0.41	0.75
2	34.71	34	-0.71	0.75
3	44.98	44	-0.98	0.75
4	65.13	64	-1.13	0.75
5	86.43	85	-1.43	0.75
6	96.71	95	-1.71	0.75

Conclusion Remarks :

1. The Reported Uncertainty is at coverage factor k=2, which corresponds to a confidence level at 95%.
2. Standard & DUC readings is an average of Five repeated readings.

*** End Of Certificate ***

N. PRABU
N. PRABU



G. KARTHICK
G. KARTHICK

QUALITY MANAGER
AUTHORISED SIGNATORY

THIS REPORT IS THE PROPERTY OF PERFECT CALIBRATION CENTRE PVT. LTD. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017. THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01
BLR



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
 Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
 Email : perfectcallab.info@gmail.com / info@perfectcallab.in



NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003300F

CERTIFICATE NO.: PC-01-21/ATL/0339-01

ISSUE DATE : 25/01/2021

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
 NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
 MADURAI - 625 007.

CAL DATE : 23/01/2021

DUE DATE : 22/01/2022

PAGE NO. : 1/3

CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT LAB

ELECTRONIC BALANCE

DETAILS

MAKE : DIGITAL SCALE
 MODEL : SF 400C
 SL.NO : -
 ID.NO : ACE/WB-01
 RANGE : 0 to 600 g (min : 10 mg ; max : 600 g)
 L.C. : 0.01 g

ENVIRONMENTAL CONDITION

Temperature : 22.1°C
 Humidity : 52% RH
 Condition during calibration : Satisfactory

STANDARD USED	ID.NO	CERT. NO.	VALIDITY
MASTER WEIGHTS	PCCPL/WB-E1-02	WI/FEB/19/006	08/02/2022
MASTER WEIGHTS	PCCPL/SW/001 to 007	SICC/CC/2214/01/2018-2019	22/01/2022

REFERENCE STANDARD : O.I.M.L. RECOMMENDATION

CALIBRATION PROCEDURE : WI - M - 23

CALIBRATION RESULTS

I.MECHANICAL CALIBRATION

SL. NO.	ACTUAL VALUE	STD. WEIGHT READING in g	TEST BALANCE READING in g	OBSERVED DEVIATION in g	UNCERTAINTY (±) g
1	10 mg	0.0100017	0.01	0.00	0.006
2	20	0.0200008	0.02	0.00	0.006
3	50	0.0500009	0.05	0.00	0.006
4	100	0.0999991	0.10	0.00	0.006
5	200	0.2000024	0.20	0.00	0.006
6	500	0.5000049	0.50	0.00	0.006
7	1 g	1.0000054	1.00	0.00	0.006
8	2	2.0000054	2.00	0.00	0.006
9	5	5.000005	5.00	0.00	0.006
10	10	10.000010	10.00	0.00	0.006
11	20	20.00002	19.98	-0.02	0.006
12	50	50.00005	49.96	-0.04	0.006
13	100	100.00010	99.89	-0.11	0.006
14	200	200.00020	199.83	-0.17	0.006
15	300	300.00030	299.77	-0.23	0.006
16	400	400.00040	399.62	-0.38	0.006
17	500	500.00050	499.57	-0.43	0.006
18	600	600.00060	599.53	-0.47	0.006

V.Srinivasan

Calibration Engineer & Prepared by



CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

Calibrated / Checked by



THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
 Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
 Email : perfectcallab.info@gmail.com / info@perfectcallab.in



CC - 2207

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003300F

CERTIFICATE NO.: PC-01-21/ATL/0339-01

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
 NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
 MADURAI - 625 007.

CAL DATE : 23/01/2021
 DUE DATE : 22/01/2022
 PAGE NO. : 2/3

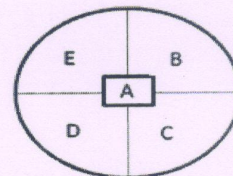
CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT LAB

ELECTRONIC BALANCE

ECCENTRICITY TEST : CLOCK WISE DIRECTION

POSITION	APPLIED LOAD in g	STD. WEIGHT READING in g	TEST METER READING in g	CENTER TO CORNER DEVIATION in g
A	200	200.00020	199.83	0.00
B	200	200.00020	199.83	0.00
C	200	200.00020	199.83	0.00
D	200	200.00020	199.83	0.00
E	200	200.00020	199.83	0.00
A	200	200.00020	199.83	0.00



ECCENTRICITY TEST : ANTI CLOCK WISE DIRECTION

POSITION	APPLIED LOAD in g	STD. WEIGHT READING in g	TEST METER READING in g	CENTER TO CORNER DEVIATION in g
A	200	200.00020	199.83	0.00
E	200	200.00020	199.83	0.00
D	200	200.00020	199.83	0.00
C	200	200.00020	199.83	0.00
B	200	200.00020	199.83	0.00
A	200	200.00020	199.83	0.00

MAXIMUM ERROR BETWEEN CENTRE (A) AND OTHER POINTS = 0.00 g

REPEATABILITY TEST : HALF LOAD (50 %)

SL.NO.	APPLIED LOAD in g	STD. WEIGHT READING in g	TEST METER READING in g	DEVIATION in g
1	300	300.00030	299.77	-0.23
2	300	300.00030	299.77	-0.23
3	300	300.00030	299.77	-0.23
4	300	300.00030	299.77	-0.23
5	300	300.00030	299.77	-0.23
6	300	300.00030	299.77	-0.23
7	300	300.00030	299.77	-0.23
8	300	300.00030	299.77	-0.23
9	300	300.00030	299.77	-0.23
10	300	300.00030	299.77	-0.23

V.Srinivasan

Calibration Engineer & Prepared by



CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

Calibrated / Checked by

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
Email : perfectcallab.info@gmail.com / info@perfectcallab.in



CC - 2207

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003300F

CERTIFICATE NO.: PC-01-21/ATL/0339-01

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
MADURAI - 625 007.

CAL DATE : 23/01/2021

DUE DATE : 22/01/2022

PAGE NO. : 3/3

CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT LAB

ELECTRONIC BALANCE

REPEATABILITY TEST : FULL LOAD (100 %)

SL.NO.	APPLIED LOAD in g	STD. WEIGHT READING in g	TEST METER READING in g	DEVIATION in g
1	600	600.00060	599.53	-0.47
2	600	600.00060	599.53	-0.47
3	600	600.00060	599.53	-0.47
4	600	600.00060	599.53	-0.47
5	600	600.00060	599.53	-0.47
6	600	600.00060	599.53	-0.47
7	600	600.00060	599.53	-0.47
8	600	600.00060	599.53	-0.47
9	600	600.00060	599.53	-0.47
10	600	600.00060	599.53	-0.47

CONCLUSION/ REMARKS :

1.THE REPORTED UNCERTAINTY AT COVERAGE FACTOR $k = 2$, WHICH CORRESPONDS TO A CONFIDENCE LEVEL AT 95%.

NOTE : THIS CALIBRATION CERTIFICATE IS VALID FOR SCIENTIFIC & INDUSTRIAL PURPOSE ONLY.

HOWEVER, IF USED FOR COMMERCIAL TRADING , ADDITIONAL RECOGNITION / APPROVAL SHALL BE COMPLIED AS REQUIRED BY DEPT. OF LEGAL METROLOGY , REGULATORY BODIES, ETC.

End Of Certificate

V.Srinivasan

Calibration Engineer & Prepared by



CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

Calibrated / Checked by

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
 Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
 Email : perfectcallab.info@gmail.com / info@perfectcallab.in



CC - 2207

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003302F

CERTIFICATE NO.: PC-01-21/ATL/0339-03

ISSUE DATE : 25/01/2021

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
 NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
 MADURAI - 625 007.

CAL DATE : 23/01/2021

DUE DATE : 22/01/2022

PAGE NO. : 1/1

CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT LAB

LIQUID IN GLASS THERMOMETER

DATE OF RECEIPT : 23/01/2021

CONDITION ON RECEIPT : SATISFACTORY

ENVIRONMENTAL CONDITION

Temperature : 22.1°C

Humidity : 51%

DETAILS

MAKE : DELUX

ID.NO : ACE/GT-01

LIQUID FILLED : MERCURY

IMMERSION LENGTH : 76 mm

RANGE : 0 to 220 °C

CAL.RANGE : 0 to 120 °C

LC : 2 ml

Description	Sl.No / Id No	Certificate No	Validity
SPRT with indicator	3420002	PC-12-20/ATL/1801-01	25/12/2021
All Master Equipments are Traceable to National / International standards			

Reference Standard : IS 2480:1983(PART II) & IS 6274-1971 & OIML R 133

Method Used for Calibration : WI-TH-GTM-02(L) Calibration Method : Comparison

CALIBRATION RESULTS: I.THERMAL CALIBRATION

SL.NO	TEST METER READING in °C	STANDARD METER READING in °C	OBSERVED DEVIATION in °C	EXPANDED UNCERTAINTY in (±)°C
1	0	0.09	-0.09	0.63
2	20	19.98	0.02	0.63
3	40	39.95	0.05	0.63
4	60	59.94	0.06	0.63
5	80	79.90	0.10	0.63
6	100	99.87	0.13	0.63
7	120	119.84	0.16	0.63

Conclusion/Remarks:

- The Expanded Uncertainty is at coverage factor $k=2$, which corresponds to a confidence level at 95 %
- This Calibration certificate used for scientific and industrial purpose only. However, if used for commercial trading, additional recognition/ approval shall be complied as required by Dept. of Legal metrology, Regulatory bodies, etc.


 V.SRINIVASAN

CALIBRATION ENGINEER & PREPARED BY

End Of Certificate




 CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Calibrated / Checked by

Authorised Signatory

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 117, 5th Street, Casa Grande Futura, Sriperumbudur,
Kancheepuram District - 602 105. Ph : (044) 6712 3632
E-mail : infosri@perfectcallab.in Web : www.perfectcallab.in



CC - 2414

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC241421000000704F

ISSUE DATE : 23/01/2021

Customer Name & Address :	M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ; NO.3/751, 1st CROSS STREET, SURVEYOR COLONY , MADURAI - 625 007.
CUSTOMER REF. :	Letter dated : 23/01/2021
SRF NO / DATE :	0089 DATE:23/01/2021
CERT. NO. :	PC-01-21/ATL/0089-01
CAL AT :	AT LAB

Details of device under calibration (DUC):

Nomenclature : STOP WATCH	Cal Procedure No: PCCPL/CAL/ET/029
Make : - NIVIA	No.of Pages: 1 OF 2
Range : 0 to 1 hr	Cal Date :23/01/2021
L.C : 1 sec, 1/100 sec	Due Date :22/01/2022
ID No. : TMR-01	Condition On Receipt : SATISFACTORY
LOC : -	MODEL : JS-307
Environmental Conditions:- Temperature : 21.9° C Humidity : 51 % RH	

Standards used for calibration

Sl. No	NOMENCLATURE	MAKE / MODEL	SL. NO.	CERT. NO.	TRACEABILITY	VALIDITY
1	TIME TOTALIZER	BELTRONICS/501	296	20/112-01	WAVECAL TECHNOLOGIES	23/10/2021

K.N. Balakrishnan
Calibration Engineer & Prepared by



Calibrated / Checked by


V. KULASEKAR

TECHNICAL MANAGER

Authorised Signatory

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

SPB



ULR - CC241421000000704F

CERT. NO.

PC-01-21/ATL/0089-01

Page No: 2 of 2

Calibration result

Sl No	Standard Instrument Reading				Device Under Calibration				Observed Deviation		Measurement Uncertainty (\pm)
	hr	min	sec	1/100 sec	hr	min	sec	1/100 sec	sec	msec	%
1	00	00	01	05	00	00	01	-	01	05	0.22
2	00	00	05	06	00	00	05	-	05	06	0.10
3	00	00	10	09	00	00	10	-	10	09	0.10
4	00	00	30	12	00	00	30	-	30	12	0.10
5	00	01	00	10	00	01	00	-	00	10	0.10
6	00	05	00	17	00	05	00	-	00	17	0.10
7	00	10	00	24	00	10	00	-	00	24	0.10
8	00	15	00	36	00	15	00	-	00	36	0.10
9	00	30	00	39	00	30	00	-	00	39	0.10
10	00	45	00	51	00	45	00	-	00	51	0.10
11	01	00	00	66	01	00	00	-	00	66	0.10

Conclusion Remarks :

- 1 Measurement Uncertainty reported is at 95% confidence level with $k = 2$





Perfect Calibration Centre Pvt. Ltd.

No. 84, "Times Corner", Gengu Reddy Road, Egmore, Chennai - 600 008.
Ph : (044) 28192530, 28192930, 28193130 www.perfectcallab.in
Email : perfectcallab.info@gmail.com / info@perfectcallab.in



NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC220721000003301F

CERTIFICATE NO.: PC-01-21/ATL/0339-02

ISSUE DATE : 25/01/2021

CUSTOMER : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
NO.3/751, 1st CROSS STREET, SURVEYOR COLONY,
MADURAI - 625 007.

CAL DATE : 23/01/2021

DUE DATE : 22/01/2022

PAGE NO. : 1/1

CUST REF : Letter dated : 23/01/2021

CALIBRATION : AT LAB

TACHOMETER (NON CONTACT TYPE)

DATE OF RECEIPT : 23/01/2021

TEMPERATURE : 20.2°C

PHYSICAL CONDITION : SATISFACTORY

HUMIDITY : 59% RH

INSTRUMENT DETAILS

MAKE : MEXTECH

MODEL : DT-2234C

CAL.RANGE : 0 - 2000 rpm

SL.NO : L161377

L.C. : 0.1 rpm

ID.NO : -

STANDARD USED	SL.NO.	CERT. NO.	VALIDITY
TACHOMETER CALIBRATOR	185-0024V	PC-12-20/ATL/1802-08	25/12/2021

CALIBRATION PROCEDURE : WI - M - 39

MECHANICAL CALIBRATION

CALIBRATION RESULTS : (ALL VALUES IN rpm)

SL.NO	ACTUAL VALUE	MEASURED VALUE	OBSERVED ERROR
1	100.1	99.7	-0.4
2	500.5	499.9	-0.6
3	1000.2	999.6	-0.6
4	3000.4	2999.2	-1.2
5	5000.8	4999.8	-1.0
6	8001.6	7998.9	-2.7
7	12001.5	11998.7	-2.8
8	15002.4	14998.8	-3.6
9	20003.2	19999	-4.3

UNCERTAINTY OF MEASUREMENT ± 1.4 rpm

THE EXPANDED UNCERTAINTY AT A COVERAGE FACTOR $k = 2$, WHICH CORRESPONDS TO A CONFIDENCE LEVEL AT 95%

*** End of the certificate ***

V.Srinivasan

Calibration Engineer & Prepared by



CHANDRASEKAR. S

DEPUTY TECHNICAL MANAGER

Authorised Signatory

Calibrated / Checked by



THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01

CHE



Perfect Calibration Centre Pvt. Ltd.

No. 417-B, 1st Floor, 6th Street Extension, 100 Feet Road, Gandhipuram,
Coimbatore - 641 012. Ph: 0422-2522440 / 4216440
E-mail : infokovai@perfectcallab.in / perfectkovai@gmail.com
Web : www.perfectcallab.in



NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC24472100000634F

ISSUE DATE : 25/01/2021

Certificate No. : PC-01-21/ATL/0107-01

Customer Name : M/s. ACE MEDICAL SOLUTIONS INDIA PRIVATE LIMITED ;
NO.3/751, 1st CROSS STREET, SURVEYOR COLONY, Date of Calibration : 23/01/2021
MADURAI - 625 007. Recommended due date : 22/01/2022
Customer Reference : Letter dated : 23/01/2021 Page No : 1 of 1
Calibrated At : At Lab

Device Under Calibration of Item (DUC) : Thermometer With Sensor

Date of Receipt : 23/01/2021 **Environmental Condition**
Condition of Receipt : Good Condition Temperature : 24.5°C
Description of Item : Humidity : 52 % RH
Make : CENTRE
Model : 375
Sl.No : 140811115
Cal.Range : 0 to 250 °C
Least count : 0.01 °C

Details of Traceability - Master Equipments /Standard Used for Calibration :

Description	Sl.No	Id.No	Certificate No.	Validity
RTD with Indicator	WEM - 41002 - 000 & 000142	PCCPL/ET/PC.03 & PCCPL/TH/RTD-02	PC - 01 - 21 - ATL - 0035 - 01	08/01/2022
All Master Equipments are Traceable to National / International standards				

Method Used for Calibration : Comparison Method as per WI - TH - TM - 01- , Reference Standard - DKD - R5 - 7 & ITS - 90 & NABL 129

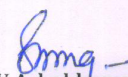
Calibration Results :

Thermal Calibration

Sl.No	DUC reading (°C)	Standard Sensor reading (°C)	Observed deviation (°C)	Uncertainty (±) °C
1	0.13	0.09	0.04	0.12
2	50.15	49.96	0.19	0.12
3	99.96	99.92	0.04	0.12
4	149.93	149.85	0.08	0.12
5	199.91	199.83	0.08	0.13
6	249.89	249.82	0.07	0.13

Reporting Statements of Conformity :

1.The Reported Uncertainty is at coverage factor $k=2$, which corresponds to a confidence level at 95 %


V.Ashokkumar
Calibration Engineer & Prepared by

*** End Of Certificate ***




D.Aravinthan
Technical Manager

Calibrated / Checked by



Authorised Signatory

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s. PERFECT CALIBRATION CENTRE PVT. LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017 . THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER"

QF/7.8/01
CBE

PUENO : 1173020
27/3/19

6.4.21

குழந்தை தொழிலாளர்களை பணியில்
அமர்த்துவது சட்டப்படி குற்றமாகும்

GOVERNMENT OF TAMIL NADU
CERTIFICATE OF VERIFICATION
SCHEDULE-VIII [See Rule 15 (3)]
Legal Metrology Act 2009

TR. NO:

Stamping at Office / Site

Date: 8.8.19

Office of the Inspector of Legal Metrology / Assistant Controller of Legal Metrology

Name of the Legal Metrology Officer

திருமதி. மு. கலாசெழும்பு
சட்டமுறை எடையளவு ஆய்வாளர்
முதல் சரகம், மதுரை

TN 557
PLIER No. 9A

No. ORIGINAL
2008863

I hereby certify that I have this day verified and stamped / rejected the under mentioned Weights, Measures etc., belonging to K. சரகம், ACE அளவுகோல் தொழிலாளர், 30/751, மதுரை.

Locality: சிவசுப்பிரமணியம், க. பஞ்சா, மதுரை - 7

Quantity	DENOMINATION		WEIGHING INSTRUMENT				Measuring Instruments.	Verification Fee	Carriage Conveyance Adjusting Charges, etc.
	Weights	Measures	Capacity	Class	Manufacturer	Type			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

9. அளவுகோல் : 500g, 200g, 100g, 50g, 20g } 250
10g, 5g, 2g, 1g } 250
OD } 540

Total Rs. 540/- deposited Vide CASH Receipt No. 2503964

Dated 8.8.19

Repaired / Used by

Signature: [Signature]

Legal Metrology Officer

Next verification due on 8.8.2021

Note:—In the case of rejected weights, measures, etc., the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reason of rejection against each item.
சட்டமுறை எடையளவு ஆய்வாளர்
முதல் சரகம், மதுரை