



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-127



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Villoo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 23.4
Relative Humidity (%RH) :- 49
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.006
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002782F

2. Description of Item

Name :- Thermometer with Sensor Range :- -50 to 300 °C
Id No :- VPMH/THM/006 Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM PT 100 Sensor
Certificate No. :- VI/21-22/0472-02 TL/021/531.1.2
Certified By :- VIPL Tempsens
ID/Sr. No. :- TW00006839 19640
Range :- As per traceability -200 to 500 °C
Uncertainty :- As per traceability ± 0.15 °C
Calibration Validity :- 28.09.2022 10.06.2022

Discipline :- Thermal Calibration

Group :- Temperature

4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-50	-50.23	-50.3	-0.07	0.40
200	200.34	200.2	-0.14	0.40
300	300.45	300.2	-0.25	0.40

Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :-

Calibrated By

Sagar

Calibration Engineer

Sagar Kore

Approved By

Sachin

Technical Manager

Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCU-117



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Villoo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 22.4
Relative Humidity (%RH) :- 51
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.005
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002781F

2. Description of Item

Name :- Thermometer with Sensor Range :- -50 to 300 °C
Id No :- VPMH/THM/005 Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM PT 100 Sensor
Certificate No. :- VI/21-22/0472-02 TL/021/531.1.2
Certified By :- VIPL Tempsens
ID/Sr. No. :- TW00006839 19640
Range :- As per traceability -200 to 500 °C
Uncertainty :- As per traceability ± 0.15 °C
Calibration Validity :- 28.09.2022 10.06.2022

Discipline :- Thermal Calibration

Group :- Temperature

4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-50	-50.12	-50.1	0.02	0.40
200	200.24	200.3	0.06	0.40
300	300.32	300.5	0.18	0.40

Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :-

Calibrated By

S.Kore

Calibration Engineer
Sagar Kore



Approved By

S.M

Technical Manager
Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-117



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Viloo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 23.2
Relative Humidity (%RH) :- 55
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.004
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002780F

2. Description of Item

Name :- Thermometer with Sensor
Range :- -50 to 300 °C
Id No :- VPMH/THM/004
Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM
Certificate No. :- VI/21-22/0472-02
Certified By :- VIPL
ID/Sr. No. :- TW00006839
Range :- As per traceability
Uncertainty :- As per traceability
Calibration Validity :- 28.09.2022

PT 100 Sensor
TL/021/531.1.2
Tempens
19640
-200 to 500 °C
± 0.15 °C
10.06.2022

Discipline :- Thermal Calibration

Group :- Temperature

4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-50	-50.15	-50.1	0.05	0.40
200	200.24	200.3	0.06	0.40
300	300.36	300.6	0.24	0.40

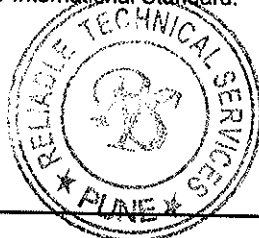
Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :-

Calibrated By

Sagar Kore

Calibration Engineer
Sagar Kore



Approved By

Sachin A. Mhasawade

Technical Manager
Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-127



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Viloo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 22.6
Relative Humidity (%RH) :- 51
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.003
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002779F

2. Description of Item

Name :- Thermometer with Sensor
Range :- -50 to 300 °C
Id No :- VPMH/THM/003
Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM
Certificate No. :- VI/21-22/0472-02
Certified By :- VIPL
ID/Sr. No. :- TW00006839
Range :- As per traceability
Uncertainty :- As per traceability
Calibration Validity :- 28.09.2022

PT 100 Sensor
TL/021/531.1.2
Tempens
19640
-200 to 500 °C
± 0.15 °C
10.06.2022

Discipline :- Thermal Calibration

Group Temperature

4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°c
-50	-50.13	-49.9	0.23	0.40
200	200.25	200.5	0.25	0.40
300	300.35	300.7	0.35	0.40

Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :-

Calibrated By

Calibration Engineer
Sagar Kore



Approved By

Technical Manager
Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-127



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Viloo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 22.6
Relative Humidity (%RH) :- 51
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.002
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002778F

2. Description of Item

Name :- Thermometer with Sensor Range :- -50 to 300 °C
Id No :- VPMH/THM/002 Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM PT 100 Sensor
Certificate No. :- VI/21-22/0472-02 TL/021/531.1.2
Certified By :- VIPL Tempsens
ID/Sr. No. :- TW00006839 19640
Range :- As per traceability -200 to 500 °C
Uncertainty :- As per traceability ± 0.15 °C
Calibration Validity :- 28.09.2022 10.06.2022

Discipline :- Thermal Calibration Group Temperature

4. Calibration Results :-

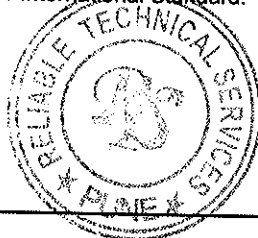
Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°c
-50	-50.16	-50.2	-0.04	0.40
200	200.18	199.9	-0.28	0.40
300	300.28	299.9	-0.38	0.40

Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :- ---

Calibrated By

Sagar
Calibration Engineer
Sagar Kore



Approved By

Sm
Technical Manager
Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-127



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :-

Villoo Poonawalla Memorial Hospital
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,
Near Savli Corner, Hadapsar, Pune - 411028
Ambient Temp. (°C) :- 23.2
Relative Humidity (%RH) :- 53
Location of calibration :- In Lab/On Site
Condition of Item :- Ok

Page No. :- 1 of 1
NABL Accreditation No. :- CC-2927
Certificate No. :- 22.03.15.001
Date of Received :- 15.03.2022
Date of Calibration :- 15.03.2022
Next Calibration Due On :- 14.03.2023
Calibration method No. :- RTS-WI-10
Date of Issue :- 15.03.2022
ULR No. :- CC292722000002777F

2. Description of Item

Name :- Thermometer with Sensor Range :- -50 to 300 °C
Id No :- VPMH/THM/001 Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B
Type :- Digital

3. Detail of Equipment used for calibration

Name :- 6½ DMM PT 100 Sensor
Certificate No. :- VI/21-22/0472-02 TL/021/531.1.2
Certified By :- VIPL Tempsens
ID/Sr. No. :- TW00006839 19640
Range :- As per traceability -200 to 500 °C
Uncertainty :- As per traceability ± 0.15 °C
Calibration Validity :- 28.09.2022 10.06.2022

Discipline :- Thermal Calibration Group Temperature

4. Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-50	-50.12	-50.1	0.02	0.40
200	200.22	200.4	0.18	0.40
300	300.29	300.5	0.21	0.40

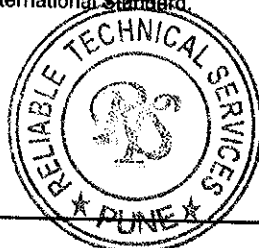
Note:

- 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
- This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- Calibration point were selected as per customer specifications.
- 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 "Reliable Technical Services, Pune".
- The Standard used are traceable to National / International Standard.
- Conformity with requirements :- ----

Calibrated By

Approved By

S.Kore
Calibration Engineer
Sagar Kore



S.M.
Technical Manager
Sachin A. Mhasawade





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSC11-127



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER :- Villoo Poonawalla Memorial Hospital S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd, Near Savli Corner, Hadapsar, Pune - 411028 Ambient Temp. (°C) :- 22.3 Relative Humidity (%RH) :- 52 Location of calibration :- In Lab/On Site Condition of Item :- Ok	Page No. :- 1 of 1 NABL Accreditation No. :- CC-2927 Certificate No. :- 22.03.15.007 Date of Received :- 15.03.2022 Date of Calibration :- 15.03.2022 Next Calibration Due On :- 14.03.2023 Calibration method No. :- RTS-WI-10 Date of Issue :- 15.03.2022 ULR No. :- CC292722000002783F
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2. Description of Item

Name :- Thermometer with Sensor	Range :- -50 to 300 °C
Id No :- VPMH/THM/007	Least Count :- 0.1 °C
Make/Model :- Multi ST-9283B	
Type :- Digital	

3. Detail of Equipment used for calibration

Name :- 6½ DMM	PT 100 Sensor
Certificate No. :- VI/21-22/0472-02	TL/021/531.1.2
Certified By :- VIPL	Tempens
ID/Sr. No. :- TW00006839	19640
Range :- As per traceability	-200 to 500 °C
Uncertainty :- As per traceability	± 0.15 °C
Calibration Validity :- 28.09.2022	10.06.2022

Discipline :- Thermal Calibration

Group :- Temperature

4. Calibration Results

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-50	-50.18	-50.2	-0.02	0.40
200	200.23	200.1	-0.13	0.40
300	300.37	300.1	-0.27	0.40

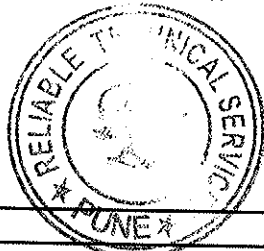
Note:

- 1) 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
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :- ---

Calibrated By

Approved By

Calibration Engineer
Sagar Kore



Technical Manager
Sachin A. Mhasawade





Vaidyanatheshwara Instruments

CERTIFICATE OF CALIBRATION

COMMITTED TO THE CUSTOMER SINCE - 1984

No. 30/1A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Karal, Mandhali Layout Post, Bangalore - 560 096.
Contact : 080-23377266, Mob : 9886586789 / 9448308118 | Email : info@vipgroup.com Web : www.vipgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With wide Certificate No: CC-2473



1 Name and Address of Customer **Mix:** Reliable Technical services,
(A Division Of Reliable Technocare Pvt Ltd.)
Reliable House 4972834, Behind Police Station,
Sant Tukaram Nagar, Pimpri, Pune - 411018.

2 Customer Reference
2.1 ULR No : CC247321200000130F
2.2 SRF No : 0472
2.3 Format No : VI-FRM-ET-008
2.4 Certificate No : VI21-22/0472-02
2.5 DC No & Date : RTS45121-22 & 15-09-2021
2.6 Date of issue : 07-10-2021

3 Details Of Device Under Calibration(DUC)

3.1 Nomenclature : 6.5 Digit Multimeter
3.2 Make / Model : Pincotest /M3500A
3.3 S.I. No. / Id.No. : TW400006839 / RTS-DMM-02
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure : Sop-37-08
3.6 No. of Pages : 4
3.7 Calibration Date : 28-09-2021
3.8 Calibration Due : 28-09-2022
3.9 Calibration done at : VI Electrical Lab
4.0 Discipline : Electro -Technical

4 Environmental Condition
Temperature : 25.2 °C Humidity : 51 %RH

5 Standards Used for Calibration

Sl. No.	Nomenclature	Make & Model	SI. No	Basic Accuracy	Certificate No.	Validity
1	Calibrator	Fluke & 5522A	3289604	±1 ppm	CR/PCAL/51653/1	14-09-2022

6 Note:

- The Calibration Certificate relates only to the above DUC.
- Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI Lab.
- Corrections/erasing, invalidate the Calibration Certificate.
- Calibration of the DUC are traceable to National standards/International Standards
- Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert
- Results Reported are valid at the time of and under the stated conditions of measurements
- The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By

Navya
(Calibration Engineer)

Checked By

Hemant
(Lab In-Charge)



This report refers only to the sample submitted and may not be reproduced except in full without written permission from Vaidyanatheshwara Instruments Bangalore - 560096.



Vaidyanatheshwara Instruments

CERTIFICATE OF CALIBRATION

COMMITTED TO THE CUSTOMER SINCE - 1984

No. 30/1A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Karal, Mandhali Layout Post, Bangalore - 560 096.
Contact : 080-23377266, Mob : 9886586789 / 9448308118 | Email : info@vipgroup.com Web : www.vipgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With wide Certificate No: CC-2473



Certificate No. VI21-22/0472-02

Results:

Page No: 2 of 4

Sl. No.	Parameter	Range	Standard Input	DUC Reading	Error Claimed (%)	Observed	Measurement Uncertainty (%)	k Factor
1			0.5 mV	0.5003 mV	0.0035 mV	0.0003 mV	0.0012 mV	2.0
2			10	10.0005	0.0040	0.0005	0.00038	2.0
3			20	20.0010	0.0045	0.0010	0.00078	2.0
4			25	25.0012	0.0048	0.0012	0.00098	2.0
5		100 mV	30	30.0013	0.0050	0.0013	0.00117	2.0
6			35	35.0018	0.0053	0.0018	0.00156	2.0
7			40	40.0020	0.0055	0.0020	0.00156	2.0
8			50	50.0023	0.0060	0.0023	0.00195	2.0
9			100	100.0025	0.0065	0.0025	0.00380	2.0
10			0.1 V	0.10005 V	0.00011 V	0.00005 V	0.000004 V	2.0
11	DC Voltage	0.5	0.500012	0.500027	0.000012	0.000012	0.000008	2.0
12		1	1.000022	0.999947	0.000077	0.000022	0.000015	2.0
13		1 V	1.00003 V	0.99999 V	0.00004 V	0.00003 V	0.000015 V	2.0
14		5	5.00011	0.00023	0.00011	0.00011	0.000080	2.0
15		10	10.00019	0.00040	0.00019	0.00019	0.000160	2.0
16		10 V	10.0004 V	3.0011 V	0.0004 V	0.0004 V	0.000160 V	2.0
17		50	50.0010	3.0029	0.0010	0.0010	0.001150	2.0
18		100	100.0013	3.0051	0.0013	0.0013	0.002300	2.0
19		100 V	100.003 V	0.015 V	0.003 V	0.003 V	0.002300 V	2.0
20		500	500.011	0.033	0.011	0.011	0.011500	2.0
21		1000	999.984	0.055	-0.016	-0.016	0.023000	2.0
22		0.1 mA	0.10017 mA	0.00205 mA	0.00017 mA	0.00017 mA	0.00002 mA	2.0
23		5	5.00041	0.00450	0.00041	0.00041	0.00055	2.0
24		10	10.00102	0.00700	0.00102	0.00102	0.00110	2.0
25		10 mA	10.0019 mA	0.0100 mA	0.0019 mA	0.0019 mA	0.00110 mA	2.0
26		50	50.0038	0.0300	0.0038	0.0038	0.00550	2.0
27	DC Current	100	100.0049	0.0550	0.0049	0.0049	0.01100	2.0
28		0.1 A	0.100015 A	0.00200 A	0.00015 A	0.00015 A	0.00001 A	2.0
29		0.5	0.500102	0.002500	0.000102	0.000102	0.00014	2.0
30		1	1.000203	0.001100	0.000203	0.000203	0.00027	2.0
31		1 A	1.000025 A	0.00180 A	0.000025 A	0.000025 A	0.00027 A	2.0
32		2	2.00052	0.00300	0.00052	0.00052	0.00128	2.0
33		3	3.00123	0.00420	0.00123	0.00123	0.00123	2.0

Calibrated By

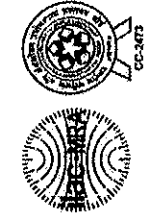
Navya
(Calibration Engineer)

Checked By

Hemant
(Lab In-Charge)



This report refers only to the sample submitted and may not be reproduced except in full without written permission from Vaidyanatheshwara Instruments Bangalore - 560096.

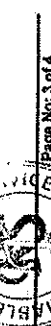


Vaidyanatheshwara Instruments CERTIFICATE OF CALIBRATION

COMMITTED TO THE
CUSTOMER SINCE - 1986

No. 301/A, 9th Main Road, 3rd Cross, Rajy Gandhi Nagar, J.B. Kaval, Mandhali Layout Post, Bangalore - 560 086.
Contact: 080-23377266, Mob: 9868586789 / 9448980177 | Email: info@vipgroup.com Web: www.vipgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With Wide Certificate No: CC-2473



Certificate No. VIZ1-22/0472-02 Results Contd... Page No: 3 of 4

Sl. No.	Parameter	Range	Standard Input	DUC Reading	Error Claimed (%)	Deviation Observed	Measurement Uncertainty (%)	k Factor
34	AC Current @50Hz	1 A	0.1 A	0.100025 A	0.000500 A	0.000225 A	0.00023 A	2.0
35			0.5	0.500113	0.000900	0.000113	0.00115	2.0
36			1	1.000199	0.001400	0.001199	0.00230	2.0
37	3 A	3 A	1 A	1.00018 A	0.00330 A	0.00018 A	0.00230 A	2.0
38			2	2.00039	0.00480	0.00039	0.00480	2.0
39			3	3.00124	0.00630	0.00124	0.00690	2.0
40	100 mV	100 mV	1 mV	1.0025 mV	0.0406 mV	0.0025 mV	0.0004 mV	2.0
41			10	10.0042	0.0480	0.0042	0.0042	2.0
42			50	50.0120	0.0700	0.0120	0.0430	2.0
43			100	100.0212	0.1000	0.0212	0.0860	2.0
44			0.1 V	0.100053 V	0.000360 V	0.00035 V	0.0001 V	0.0001 V
45	1 V	1 V	0.5	0.500214	0.006600	0.00214	0.0004	2.0
46			1	1.000395	0.009900	0.00395	0.0008	2.0
47			5	5.00101	0.01580 V	0.0048 V	0.0008 V	2.0
48	10 V	10 V	10	10.00268	0.00900	0.00206	0.00420	2.0
49			50	50.0245	0.0660	0.0123 V	0.00420 V	2.0
50			100	100.0308	0.0900	0.0245	0.01100	2.0
51	100 V	100 V	100	100.008 V	0.285 V	0.0308	0.02200	2.0
52			500	500.024	0.525	0.008 V	0.02200 V	2.0
53			750	748.972	0.675	-0.028	0.028	2.0



Calibrated By: *[Signature]*
Navy Hemant (Calibration Engineer)



Checked By: *[Signature]*
Hemant (Lab In-Charge)

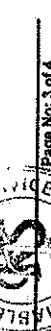


Vaidyanatheshwara Instruments CERTIFICATE OF CALIBRATION

COMMITTED TO THE
CUSTOMER SINCE - 1986

No. 301/A, 9th Main Road, 3rd Cross, Rajy Gandhi Nagar, J.B. Kaval, Mandhali Layout Post, Bangalore - 560 086.
Contact: 080-23377266, Mob: 9868586789 / 9448980177 | Email: info@vipgroup.com Web: www.vipgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With Wide Certificate No: CC-2473



Certificate No. VIZ1-22/0472-02 Results Contd... Page No: 4 of 4

Sl. No.	Parameter	Range	Standard Input	DUC Reading	Error Claimed (%)	Deviation Observed	Measurement Uncertainty (%)	k Factor
56	100 Ω	100 Ω	1 Ω	1.0012 Ω	0.0041 Ω	0.0012 Ω	0.00150 Ω	2.0
57			50	50.0019	0.0090	0.0019	0.00200	2.0
58			100	100.0025	0.0140	0.0025	0.00400	2.0
59	1 kΩ	1 kΩ	0.1 kΩ	0.100008 kΩ	0.00020 kΩ	0.00008 kΩ	0.000094 kΩ	2.0
60			0.5	0.500017	0.00060	0.00017	0.00018	2.0
61			1	1.000029	0.00110	0.00028	0.00036	2.0
62	10 kΩ	10 kΩ	1 kΩ	1.00008 kΩ	0.00020 kΩ	0.00008 kΩ	0.000094 kΩ	2.0
63			5	5.00012	0.00060	0.00012	0.000176	2.0
64			10	10.00023	0.00110	0.00023	0.000350	2.0
65	100 kΩ	100 kΩ	10 kΩ	10.0011 kΩ	0.00020 kΩ	0.0011 kΩ	0.00050 kΩ	2.0
66			50	50.0023	0.00060	0.0023	0.001700	2.0
67			100	100.0048	0.0110	0.0048	0.003400	2.0
68	1 MΩ	1 MΩ	0.1 MΩ	0.100010 MΩ	0.000020 MΩ	0.00010 MΩ	0.000003 MΩ	2.0
69			0.5	0.500013	0.000060	0.000013	0.000021	2.0
70			1	1.000034	0.00010	0.000034	0.000041	2.0
71	10 MΩ	10 MΩ	1 MΩ	1.00009 MΩ	0.00050 MΩ	0.00009 MΩ	0.000041 MΩ	2.0
72			5	5.00025	0.00210	0.00025	0.000700	2.0
73			10	10.00039	0.00410	0.00039	0.001400	2.0
74	100 MΩ	100 MΩ	10 MΩ	10.0002 MΩ	0.0000 MΩ	0.0002 MΩ	0.001400 MΩ	2.0
75			50	50.0103	0.4100	0.0103	0.190000	2.0
76			100	100.0211	0.8100	0.0211	0.390000	2.0

Note: 1. Diode and Continuity checked functionally and found ok.

Conclusion Remarks:-
1. Measured readings are reported.
2. Measurement Uncertainty reported is at 95.45 % confidence level.
Calibrated By: *[Signature]*
Navy Hemant (Calibration Engineer)



Checked By: *[Signature]*
Hemant (Lab In-Charge)