



CALIBRATED ITEM
 Multitech Technofab Enterprises
 Item's Name: *Thermo-Hygrometer*
 Cal on: *04/06/22* Due on: *04/06/23*
 Sr./I.D. No.: *MTE/204/208/8313*
 Job I.D. No.: *MTE/204/208/8313*
 Ph.: 011-41764006, 09810943334

Technofab Enterprises

Laboratory Vide Certificate No.: CC-3225
 Functional Industrial Estate, Patparganj, Delhi -110092
 Ph.: 011-41764006 Mobile : 9810943334, 8920678805



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 Website : www.multitechtechnofab.com

CC3225

CALIBRATION CERTIFICATE

Calibration Certificate No.: MTE/204/CC/6778 ULR : CC322522000002019F Certificate Issued on: 11-06-2022

Job / Identification No. : MTE/CAL/JOB/8313 Date of Calibration : 04-06-2022

Item Receipt Date: 02-06-2022 Recommended Date of Next Calibration: 04-06-2023

Calibrated For	Orbit Health Care and Diagnostic Centre 325/11 Near Aryan Hospital, Old Railway Road, Gurugram Haryana	Reference : Order thru Telephonic
Discipline	Thermal	Group Specific Heat & Humidity

Certificate for : Thermo-Hygrometer Item Location : Lab

Make / Model	Serial / I.D. No.	Range	Item Condition
HTC / HTC-1	NA / NA	Mentioned hereunder	Working
Environmental Condition		24.3 ± 0.5 °C	52 ± 3% RH

STANDARD REFERENCE DETAILS Traceable to National / International Standard

Name of the Standard	Make / Model	Certificate No.	Calibration Agency	Valid up to
4- Wire RTD Sensor with Indicator	Tempens and Lutron / PT-100 and TM-917	ULR-CC288821000001903F	Sigma Test & Research Centre	18-12-2022
Humidity Indicator with Sensor	Lutron / HT-305	ULR-CC288821000001905F	Sigma Test & Research Centre	18-12-2022

USED EQUIPMENT DETAILS

1. Humidity Chamber

Calibration Procedure	Lab Procedure : MTE-2/T/2.3	STD Procedure : NA
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RESULTS: In-Lab Calibration
 All Readings are in °C, Specified Otherwise

SET AT	U.U.C. READING (AVERAGE)	CORRECTED VALUE OF STANDARD (AVERAGE)	ERROR	UNCERTAINTY^
Temperature	Range -10 to 50 °C Least Count 0.1			
15 °C	14.8 °C	14.96 °C	-0.197	± 0.823 °C
20 °C	19.8 °C	19.93 °C	-0.163	± 0.823 °C
25 °C	24.7 °C	24.94 °C	-0.203	± 0.823 °C
30 °C	29.7 °C	29.91 °C	-0.213	± 0.829 °C
35 °C	34.6 °C	34.89 °C	-0.260	± 0.823 °C

For and on behalf of
Multitech Technofab Enterprises

 Laboratory Head

Calibrated By VISHVESH DWIVEDI
 Technical Executive

Multitech Technofab Enterprises

An NABL Accredited Laboratory Vide Certificate No.: CC-3225

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SET AT	U.U.C. READING (AVERAGE)	CORRECTED VALUE OF STANDARD (AVERAGE)	ERROR	UNCERTAINTY [^]
Humidity	Range 10 to 99 % RH Least Count 1			
40 % RH	39 % RH	39.9 % RH	-0.60	± 2.180 % RH
60 % RH	58 % RH	60 % RH	-1.5	± 2.100 % RH
70 % RH	68 % RH	69.8 % RH	-2.10	± 2.180 % RH
80 % RH	78 % RH	79.8 % RH	-1.50	± 2.180 % RH
95 % RH	93 % RH	94.8 % RH	-1.77	± 2.380 % RH

[^]The reported uncertainty in measurement is stated as the standard uncertainty multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95% confidence level.

REMARKS:

- The recommended date for next calibration is mentioned, as asked by the customer.
- Conformity remark is evaluated for observed error, without taking uncertainty contribution.

Note

- This report is not to be reported wholly or in part and cannot be used as evidence in any court of law and not to be used in any advertising media without our special permission in writing.
- The result listed refers only to the calibrated samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our organization is limited to the invoiced amount.
- Samples will be destroyed after one month from the date of issue of calibration Certificate unless otherwise specified.
- In case any reconfirmation of contents of Calibration Certificate is required, please contact our office.

***** END OF REPORT *****

Calibrated By VISHVESH DWIVEDI
Technical Executive

For and on behalf of
Multitech Technofab Enterprises

Laboratory Head