

Ultra Cal

# Ultra Cal

# 42, 1st Floor, 60 Feet Main Road, Srinivasanagar,  
Pattagarapalya, Bengaluru, Karnataka - 560072  
info@ultra-cal.com



CC-2996

## CALIBRATION CERTIFICATE

Customer Name & Address: M/s. Sumukh Prayogalaya.,  
Shrinath Complex, 2nd Floor, Hubli

Customer's Reference: SRF.No.: 1114 Dated: 01 Mar 2023

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
UC/23/1114 - 04	01 Mar 2023	28 Feb 2024	1 of 2

ULR No.: CC299623000001060F

Date of Issue: 10 Mar 2023

### Details of device under calibration (DUC):

DUC: Digital Thermohygrometer	Cal Procedure No: UC/CAL/407
Make: HTC	No. of Pages: 2
Model: HTC-1	DUC Received: 01 Mar 2023
SI. No: ---	DUC Condition on Receipt: Satisfactory
Id No: DTHM-01	Cal At: Thermal Lab, UltraCal

Environmental Conditions: Temperature:  $25 \pm 4^{\circ}\text{C}$ , Humidity: 30 - 75%

SI. No.	Nomenclature	Make & Model	SI. No /ID No.	Basic Accuracy	Traceable to	Validity
1	Class A RTD	Techno Trade / PT-100	UC/TH-001	0.2 °C	Testcal	12 Dec 2023
2	Thermo Hygro Meter	Rotronic/HP32	UC/TH-009	0.8%	TransCal	09 July 2023
3	Humidity Chamber	Used As a Source				

### Note:

1. The Calibration Certificate relates only to the above DUC
2. Publication or reproduction of this certificate in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of Ultracal.
3. Corrections/erasing, invalidate the Calibration Tester.
4. Calibration of the DUC are traceable to National standards/International Standards
5. Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By:

Deepak.T.S  
(Calibration Engineer)



Authorised By:

Shreyas.B  
(Technical Manager)

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Results:

Temperature:

Range: -50 to 70 °C

LC: 0.1 °C

@ Constant 60 % RH

Sl. No.	STD. Reading in (°C)	DUC. Reading in (°C)	Deviation Observed In (°C)	Measurement Uncertainty (±) °C	K Factor
1	20.13	20.3	0.17	0.84	2.0
2	30.11	30.4	0.29	0.84	2.0
3	40.07	40.6	0.53	0.84	2.0

Humidity:

Range : 10 to 99 %

LC: 1 %

@ Constant 25°C

Sl. No.	STD. Reading in (%)	DUC. Reading in (%)	Deviation Observed In (%)	Measurement Uncertainty (±) %	K Factor
1	29.31	31	1.69	1.85	2.0
2	60.29	62	1.71	1.85	2.0
3	89.84	92	2.16	1.85	2.0

**Conclusion Remarks:-**


1 Measurement Uncertainty reported is at 95 % confidence level.

Calibrated By:

  
 Deepak.T.S  
 (Calibration Engineer)



Authorised By:

  
 Shreyas.B.V  
 (Technical Manager)