

SKY INSTRUMENTS & CONTROLS

• Calibration • Repair • Sales & Services • Validation of Equipments



Row House. S-230, Ground Floor, Sector-4, Opp Durgamata Mandir, Near Navratri Prasad Hotel, Airoli, Navi Mumbai - 400 708.

Tel. : 9029080659 / 9870378170 / 9970273137 • E-mail : skymumbai1@gmail.com / skyinstruments1@yahoo.com • Web : www.skycalibration.com

CALIBRATION CERTIFICATE

1. CUSTOMER :- Vishwaraj Hospital Loni		Page No.	:- 1 OF 1		
		Date of Receipt	:- 18/11/2021		
		Service Request No.	:- 2021/11/028N		
		Certificate No.	:- SIC/2021/11/090N		
		Date of Calibration	:- 18/11/2021		
		Next Calibration Due On	:- 17/11/2022		
		Calibration method No.	:- SIC/WI/TH-04		
		Reference I.S.	:- Comparison method		
Ambient Temp. :- 25°C					
Relative Humidity :- < 60%					
Location of calibration :- INLAB					
Condition of Item :- OK					
2. Description of Item					
Name	:- Thermo Hygrometer		Range	:- -10 to 50 °C/20 to 99 %RH	
Make/Model	:- Mextech TM1		Resolution	:- 0.1°C / 1%RH	
Sr No	:- M303772		Specified Accuracy	:- --	
Type	:- Digital		Location	:- --	
Id.No.	:- --				
3. Detail of Equipment used for calibration					
Name	:- Dig. Thermohygrometer				
Make/I.D No.	:- HTC-1/SI-ENV-02				
Certificate No.	:- CCL/201214/HUM/01				
Certified By	:- Calitron Calibration Laboratory				
Calibration Validity	:- 14/12/2021				
4. Calibration Results :-					
Temperature					
Calibration Points °C	UUC Reading °C	Standard Reading °C	Error in °C	Expanded Uncertainty in °C	
-10	-10.0	-9.95	-0.05	±0.4	
10	10.0	10.08	-0.08		
20	20.0	20.14	-0.14		
30	29.9	30.09	-0.19		
50	49.8	50.05	-0.25		
Humidity					
Calibration Points %RH	UUC Reading %RH	Standard Reading %RH	Error in %RH	Expanded Uncertainty in %	
20	20	20.1	-0.1	±1.0	
40	40	40.2	-0.2		
60	60	60.3	-0.3		
80	80	80.5	-0.5		
90	90	90.7	-0.7		
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					
Note:					
1) UUC stands for Unit Under Calibration.					
2) Reported reading is average of 5 set of measurement.					
Calibrated By			Approved By		
Calibration Engineer			 Technical Manager (Sunil Deshmukh)		

SF-39

-: Note :-

1. This certificate refers only to that particular item submitted for Calibration & do not apply to other products even though declared to be identical.
2. The certificate shall not be reproduced except in full, without the prior permission of "SKY INSTRUMENTS & CONTROLS"
3. The certificate result reported in this certificate are valid at the time & under the stated condition of measurements.

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	Date of Receipt :- 18/11/2021
	Service Request No. :- 2021/11/028N
	Certificate No. :- SIC/2021/11/091N
	Date of Calibration :- 18/11/2021
	Next Calibration Due On :- 17/11/2022
Ambient Temp. :- 25°C	Calibration method No. :- SIC/WITH-04
Relative Humidity :- < 60%	Reference I.S. :- Comparison method
Location of calibration :- IN LAB	
Condition of Item :- OK	

2. Description of Item

Name :- Thermo Hygrometer	Range :- -10 to 50 °C/20 to 99 %RH
Make/Model :- Mextech TM1	Resolution :- 0.1°C / 1%RH
Sr No :- M303774	Specified Accuracy :- --
Type :- Digital	Location :-
Id No :- --	--

3. Detail of Equipment used for calibration

Name :- Dig. Thermo hygrometer
Make/I.D No. :- HTC-1/SI-ENV-02
Certificate No. :- CCL/201214/HUM/01
Certified By :- Calitron Calibration Laboratory
Calibration Validity :- 14/12/2021

4. Calibration Results :-

Temperature

Calibration Points °C	UUC Reading °C	Standard Reading °C	Error in °C	Expanded Uncertainty in °C
-10	-10.0	-9.98	-0.02	±0.4
10	10.0	10.07	-0.07	
20	19.9	20.05	-0.15	
30	29.9	30.11	-0.21	
50	49.8	50.09	-0.29	

Humidity

Calibration Points %RH	UUC Reading %RH	Standard Reading %RH	Error in %RH	Expanded Uncertainty in %
10	10	10.1	-0.1	±1.0
40	40	40.2	-0.2	
60	60	60.4	-0.4	
80	80	80.6	-0.6	
90	90	90.9	-0.9	

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

Note:

- 1) UUC stands for Unit Under Calibration.
- 2) Reported reading is average of 5 set of measurements.

Calibrated By


Calibration Engineer



Approved By


Technical Manager
(Sunil Deshmukh)

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		Certificate No.	- SIC/2021/11/092N
Ambient Temp.	- 25°C	Date of Calibration	- 18/11/2021
Relative Humidity	- < 60%	Next Calibration Due On	- 17/11/2022
Location of calibration	- IN LAB	Calibration method No.	- SIC/WI/TH-04
Condition of Item	- OK	Reference I.S.	- Comparison method

2. Description of Item

Name	- Thermo Hygrometer	Range	- -10 to 50 °C/20 to 99 %RH
Make/Model	- Mextech TM1	Resolution	- 0.1°C / 1%RH
Sr No	- M303773	Specified Accuracy	- --
Type	- Digital	Location	- --
Id.No.	- --		

3. Detail of Equipment used for calibration

Name	- Dig. Thermo hygrometer
Make/I.D No.	- HTC-1/SI-ENV-02
Certificate No.	- CCL/201214/HUM/01
Certified By	- Calitron Calibration Laboratory
Calibration Validity	- 14/12/2021

4. Calibration Results :-

Temperature

Calibration Points °C	UUC Reading °C	Standard Reading °C	Error in °C	Expanded Uncertainty in °C
-10	-10.0	-9.99	-0.01	±0.4
10	10.0	10.09	-0.09	
20	19.9	20.08	-0.18	
30	29.9	30.17	-0.27	
50	49.8	50.14	-0.34	

Humidity

Calibration Points %RH	UUC Reading %RH	Standard Reading %RH	Error in %RH	Expanded Uncertainty in %
20	20	20.1	-0.1	±1.0
40	40	40.3	-0.3	
60	60	60.5	-0.5	
80	80	80.7	-0.7	
90	90	90.9	-0.9	

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

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