



HYTECH INSTRUMENT

2SF, C-2 Shriram Complex, Nyay Khand-I, Indirapuram, Ghaziabad-201014 (U.P) INDIA
Ph. No. +91-9899380410, +91-7669021291-95, 24x7 No.: +91-9716668085



Calibration Certificate

Format No. : HY/FM/033 Rev. No.: 04 Rev. Date : 02/03/2023 Page No. : 01 of 01

Certificate/ULR No.	CC320624000001718F	CALIBRATION CERTIFICATE OF Centrifuge (Rpm Indicator)
Date of Calibration :	27.02.2024	
Next Date for Calibration	27.02.2025	
(As per agreed with the Customer)		
Certificate Issue Date	28.02.2024	

CUSTOMER DETAILS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Vyas Super Speciality Hospital Vyas Campus, Pali Road, Kudi Haud, Jodhpur, Rajasthan-342005 INDIA		Make / Model	REMI/R-303
SERVICE REQUEST FORM DETAILS		Instrument Sr. No. / I.D No.	ZIJN-39926
		Resolution / Least Count	As Per Manual upto 3500 rpm
Service Request / Job No.	67 / 67-01	Range / Size	Not Mentioned
SRF Date / Inst. Receipt Date	26.02.2024	Accuracy / Acceptance	---
		Location	---
		Instrument Condition	In Working

Calibration Procedure	HY/WI/004M039	Calibration Performed At	At Site
Reference Standard	SANAS TR 45-2	Discipline	Mechanical (Speed), Thermal
ENVIRONMENTAL CONDITIONS	Temperature (25±10)°C	25.2 °C	Relative Humidity (50±20)%RH 57%RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Digital Tachometer	TSC/23-24/7041-1	TSC	24.07.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE	STANDARD VALUE	ERROR	Expanded Uncertainty 95% Confidence Level with coverage factor k=2
Speed	(rpm)	(rpm)	(rpm)	± (% of rdg.)
	500	500.4	0.4	6.67
	1000	1001.5	1.5	6.67
	2000	2002.8	2.8	0.41
	3000	3004.9	4.9	0.41

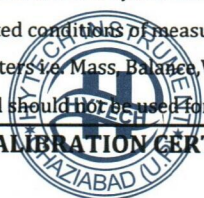
Remarks :

- Note :-**
1. DUC = Device Under Calibration
 2. The Certificate refers only to the particular items submitted for Calibration.
 3. This Certificate shall not be reproduced, except in full, without permission of CEO Hytech Instrument, Ghaziabad.
 4. Result Reported are Valid at the time of and under the stated conditions of measurement.
 5. Calibration Certificate issue for weight & Measure parameters like Mass, Balance, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commerical use.

CALIBRATED BY
(Vipin Kumar)

APPROVED BY
(Aakash Kumar Q.M./TM)

END OF THE CALIBRATION CERTIFICATE





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Calibration Certificate

Format No. : HY/FM/033 Rev. No.: 04

Rev. Date : 02/03/2023

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Certificate/ULR No.	CC320624000001719F	CALIBRATION CERTIFICATE OF Thermo Hygrometer
Date of Calibration :	27.02.2024	
Next Date for Calibration	27.02.2025	
(As per agreed with the Customer)		
Certificate Issue Date	28.02.2024	

CUSTOMER DETAILS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Vyas Super Speciality Hospital Vyas Campus, Pali Road, Kudi Haud, Jodhpur, Rajasthan-342005 INDIA		Make / Model	HTC-1
SERVICE REQUEST FORM DETAILS		Instrument Sr. No. / I.D No.	VSSH/DTHM/01
		Resolution / Least Count	0.1 °C, 1%RH
Service Request / Job No.	67 / 67-02	Range / Size	0 to 60°C, 15 to 95%RH
SRF Date / Inst. Receipt Date	26.02.2024	Accuracy / Acceptance	Not Mentioned
		Location	----
		Instrument Condition	In Working

Calibration Procedure	HY/CP/1T06	Calibration Performed At	In Lab
Reference Standard	DKD-R5-7, ITS-90	Discipline	Thermal
ENVIRONMENTAL CONDITIONS	Temperature (25±2)°C	23.4 °C	Relative Humidity (50±20)%RH
55%RH			

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Temp. & Humidity Meter with Sensor (with Temp. & Humidity Chamber)	TSC/22-23/18697-1	Transcal	15.03.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

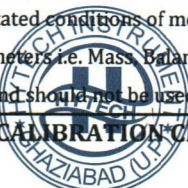
PARAMETER	Set Value	DUC VALUE	STANDARD VALUE	ERROR	Expanded Uncertainty 95% Confidence Level with coverage factor k=2
Temperature @50% RH	(°C)	(°C)	(°C)	(°C)	± (°C)
	20.0	20.1	20.16	-0.06	0.91
	30.0	30.2	30.24	-0.04	0.91
	40.0	40.1	40.37	-0.27	0.91
	50.0	50.1	50.49	-0.39	0.91
	60.0	60.2	60.72	-0.52	0.91

PARAMETER	Set Value	DUC VALUE	STANDARD VALUE	ERROR	Expanded Uncertainty 95% Confidence Level with coverage factor k=2
Humidity @25°C	(%RH)	(%RH)	(%RH)	(%RH)	± (%RH)
	15.0	16	15.12	0.88	2.13
	30.0	31	30.29	0.71	2.13
	50.0	51	50.45	0.55	2.13
	75.0	77	77.75	-0.75	2.13
	95.0	95	96.80	-1.80	2.13

Remarks :

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Calibration Certificate

Format No. : HY/FM/033 Rev. No.: 04

Rev. Date : 02/03/2023

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Certificate/ULR No.	CC320624000001720F	CALIBRATION CERTIFICATE OF Digital Thermometer with Sensor
Date of Calibration :	27.02.2024	
Next Date for Calibration	27.02.2025	
(As per agreed with the Customer)		
Certificate Issue Date	28.02.2024	

CUSTOMER DETAILS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Vyas Super Speciality Hospital Vyas Campus, Pali Road, Kudi Haud, Jodhpur, Rajasthan-342005 INDIA		Make / Model	WAVESS
SERVICE REQUEST FORM DETAILS		Instrument Sr. No. / I.D No.	VSSH/DTM/01
		Resolution / Least Count	0.1 °C
Service Request / Job No.		Range / Size	Upto 110°C
67 / 67-03		Accuracy / Acceptance	Not Mentioned
SRF Date / Inst. Receipt Date		Location	-----
26.02.2024		Instrument Condition	In Working

Calibration Procedure	HY/WI/005T001	Calibration Performed At	At Site
Reference Standard	ITS-90	Discipline	Thermal
ENVIRONMENTAL CONDITIONS	Temperature (25±10)°C	21.2 °C	Relative Humidity (50±20)%RH 60%RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	SSPRT Sensor with Precision Thermometer (Liquid Temp Bath)	CC288823000001307F	Sigma Test	04.10.2024

The Standards used for calibration are traceable to National Standards.

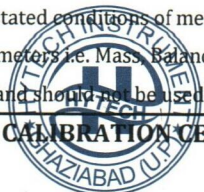
CALIBRATION RESULT

PARAMETER	DUC VALUE	STANDARD VALUE	ERROR	Expanded Uncertainty 95% Confidence Level with coverage factor k=2
Temperature	(°C)	(°C)	(°C)	± (°C)
	10	9.846	0.154	0.13
	30	29.889	0.111	0.13
	50	49.538	0.462	0.13
	70	69.354	0.646	0.13
	100	99.246	0.754	0.13

Remarks :

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Calibration Certificate

Format No. : HY/FM/033 Rev. No.: 04

Rev. Date : 02/03/2023 Page No. : 01 of 01

Certificate/ULR No.	CC320623000001721F	CALIBRATION CERTIFICATE OF Digital Thermometer with Sensor
Date of Calibration :	27.02.2024	
Next Date for Calibration	27.02.2025	
(As per agreed with the Customer)		
Certificate Issue Date	28.02.2024	

CUSTOMER DETAILS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Vyas Super Speciality Hospital Vyas Campus, Pali Road, Kudi Haud, Jodhpur, Rajasthan-342005 INDIA		Make / Model	WAVESS
		Instrument Sr. No. / I.D No.	VSSH/DTM/02
		Resolution / Least Count	0.1 °C
		Range / Size	Upto 110°C
		Accuracy / Acceptance	Not Mentioned
		Location	-----
		Instrument Condition	In Working
SERVICE REQUEST FORM DETAILS			
Service Request / Job No.	67 / 67-04		
SRF Date / Inst. Receipt Date	26.02.2024		

Calibration Procedure	HY/WI/005T001	Calibration Performed At	At Site
Reference Standard	ITS-90	Discipline	Thermal
ENVIRONMENTAL CONDITIONS	Temperature (25±10)°C	21.2 °C	Relative Humidity (50±20)%RH 60%RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	SSPRT Sensor with Precision Thermometer (Liquid Temp Bath)	CC288823000001307F	Sigma Test	04.10.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE	STANDARD VALUE	ERROR	Expanded Uncertainty 95% Confidence Level with coverage factor k=2
Temperature	(°C)	(°C)	(°C)	± (°C)
	10	9.753	0.247	0.13
	30	29.619	0.381	0.13
	50	49.422	0.578	0.13
	70	69.181	0.819	0.13
	100	99.048	0.952	0.13

Remarks :

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