

- ▶ LABORATORY FOR CALIBRATIONS / VALIDATIONS FOR INDUSTRIAL & MEDICAL INSTRUMENTS
- ▶ DEALING IN : INSTRUMENTS, SENSORS & AUTOMATIONS MEDICAL & SAFTY INSTRUMENTS
- ▶ CONSULTANTS : AUTOMATION & PRODUCTIVITY INCREASE



INSTRU-TECH ENGINEERS

D-47, Shopping Complex, 1st Floor,
A.B. Road, Near LIG Gurudwara,
INDORE - 452 008 (M.P.) INDIA

Tele : +91 731 4065334/+91 99935 65605
E-mail : instrutech@gmail.com
Web : www.

Calibration Certificate

Calibrated For : U. S. Labco Pvt. Ltd., Shop No. 15, 2nd Floor, Civic Center, Dawa Bazar, Jabalpur, (M.P.)	Certificate No : C / 21-22 / 28
Environmental : Temperature 24 deg. C. Conditions : Humidity 59 %	Calibration Date : 06 / 10 / 2021
	Due Date of Calibration : 06 / 10 / 2022
	Calibration Status : Accepted
	Calibration at : Our lab.

Details of Unit Under Calibration :

Item	TEMP. & HUMIDITY METER	Make	IITC
Model No.	IITC - 1	ID No.	IIT - 01

Details of Masters Used For Calibration :

S. No.	Item	Make	ID No.	Certificate No.	Valid Up to
1	Dig. Temp. & Humidity Indicator	'IE'	THI - 1	2020-03-19-358 (NABL Lab Master)	19/03/2022

Observations :

A) TEMPERATURE RANGE : (-50to + 70 Deg. C)

S.No.	Reading in Master (Deg.C)	Reading in Test Meter (Deg.C)
1.	10.00	9.8
2.	20.00	20.1
3.	40.00	39.8

% RH HUMIDITY : (20% to 99% RH)

S.No.	Master Meter Reading (% RH)	Reading in Test Meter (% RH)
1	40	38
2	60	62
3	80	77

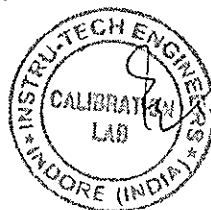
Remarks : The unit is working within limits and specified accuracy .

Calibrated By

Approved By

Er. T. Sharma (Manager Calibration)

Er. Sunil Vaswani (Chief Executive)



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CALIBRATION MASTER INSTRUMENTS USED WITH TRACEABILITY CERTIFICATE COPIES

Ref.: C / 21-22 /28

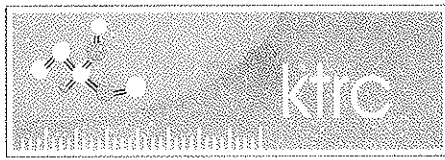
Date : 06/ 10/ 2021

1) DIG. TEMP. & HUMIDITY INDICATOR (Annex. 1)	
ITEM	: DIG. TEMP. & HUMIDITY INDICATOR
MAKE	: ' IE '
ID. No.	: TH1 - 1
REPORT REF. NO.	: 2020-03-19-358
CALIBRATION ON	: 20/03/2020
CALIBRATION DUE ON	: 19/03/2022


(Chief Executive)


(Calibration Manager)





CALIBRATION CERTIFICATE

KTRC/QF/0708/04
Page No 1 of 1

Certificate No	KTRC/2202R002207	Date Of Calibration	07/02/2022
Date Of Receipt	07/02/2022	Suggested Due Date	07/02/2023
ULR No.	CC234822000000522F	Date Of Issue	24/02/2022

Name And Address of Customer	Details Of Unit Under Calibration			
	Name of Equipment	Refrigerator		
	Make	Reconnect	Range	2 to 8 °C
	Model	RHDCG7501	Least Count	N.A
	SR. No.	N.A	Condition of UUC	Satisfactory
	Id No.	N.A	Calibration Performed At	Site

Environmental Condition	Temperature in °C	Humidity in %
	25±10	50±20

Calibration Procedure/Standard	KTRC-CAL-SOP-039/DKD-R5-7
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DETAIL OF REFERENCE STANDARD USED FOR CALIBRATION

Reference Standard	Sr.No	I.D No.	Certificate No.	Valid Upto
Digital Hygropalm with Sensor	61093236/61081421	KTRC-CAL-EQ-028	30039824	02/07/2022

CALIBRATION RESULT

Sr. No.	Reading Set on UUC (°C)	Reading on Master (°C)	Error (°C)	(±)Expanded Uncertainty (°C)
1	2	1.94	-0.06	0.40
2	3	2.90	-0.10	0.40
3	4	3.90	-0.10	0.40
4	5	4.85	-0.15	0.40
5	6	5.71	-0.29	0.40
6	7	6.59	-0.41	0.40
7	8	7.52	-0.48	0.40

- REMARKS:-**
1. This Certificate refers only to the item calibrated.
 2. UUC - Unit Under Calibration.
 3. The calibration results reported in this certificate are valid at the time of & the tested condition of measurement.
 4. This certificate shall not be reproduced except in full without written approval of laboratory.
 5. The Reported uncertainty is at coverage factor k=2 which corresponds to a coverage probability of Approximately 95% for normal distribution.
 6. All measurements are traceable to National/International Standards.
 - Calibration Certificates issued for weight & Measure parameter i.e. Mass,Balance,and Measuring Scale/Tapes etc. are for scientific purpose only and should not be used for trade/ commercial use
 8. Certificate not given with ULR are not under our NABL Scope.
 9. This certificate/Document is Electronically Generated And Does Not Require Any Seal/Physical Signature in Original.

Calibrated by
Electronically signed by
Sunil Parmar(3194)
Designation: Sr. Calibration Engineer
Date: 07/02/2022

Authorized By
Electronically signed by
Dharmendra Sharma(0080)
Designation: Manager (Electronics & Electrical)
Date: 24/02/2022

Terms of Service :

1. Sample(s) not drawn by us, unless specified. 2. The results listed in the Test Report are for the submitted samples and tested parameters only. 3. This Report is issued only after customer's acceptance of our terms and conditions. 4. Sample is likely to be consumed and/or destructed during testing. 5. Sample will be disposed after one month from the date of issue of Test Report, unless otherwise specified and accepted by us. 6. This Report cannot be reproduced and/or cannot be used in part or full in any media, unless permitted by us in writing. 7. Liability of our Laboratory is limited to the invoiced amount only. 8. Reports not given with ULR are not under our NABL scope. 9. All disputes subject to jurisdiction of the courts of Indore (India) only.