UNITECH
"Sure for service with hi-end Universal Technology"

CC-3025

UNITECH TECHNOCRATS PVT LTD

Calibration offered : Voltmeter, Amp.Meter, Multifunction calibrator, Multimeter, Clamp meter, Resistance, Frequency, Pressure, RPM, Speed, Weights, Weighing Balance, Pressure, Temperature sensor / transmitters, Humidity sensor / transmitters, Process Indicators / Controllers...

Doc. No. QC F 05

	CALIBRATION CERTIFICATE	Certificate Number. **UTPL/02-23/ET/0071**
		ULR No. **CC302523000000071F**
	Digital Multimeter	Date of Issue. **22-02-2023**

Date of Calibration	Next calibration Due Date	Page No.	No. of Pages
20-02-2023	**19-02-2024**	**1**	**3**

Calibrated for	**TRITECH** 121, Veena Industrial Estate, Opp. Fitwell House, L. B. S. Marg, Vikhroli(west), Mumbai-400083		
Date of Receipt	20-02-2023	**Challan No.**	22-23/2458
Condition of Instr.	Satisfactory	**Calibrated at**	Lab
SRF Number	SRF/02-23/014	**SRF Date**	20-02-2023
UTPL ID No.	02-23/ET/0071		

Details of Unit Under Calibration :-

Description	Digital Multimeter	**Make / Model**	RISHABH / 410
Range	As Per Manual	**Sr. No.**	2202071095
Refernce Standard	IS 13875	**Resolution**	As Per Reading
Calibration Procedure	TR W 03-17-18-19	**ID. No.**	--

Calibration Evironment Conditions	**Temperature**	25± 4 °C	**Relative Humidity**	30 - 70 %

Reference Standard Used For Calibration (Traceable To National/ Internation Standards)

Description	Cal.Certi.No.	Valid Up to	Traceability
Multiproduct Calibrator - ZX1030E	NEC/22-23/SP/034-1	08.08.2023	NEC,NASHIK
Multifunction Calibrator - DPI-620	NEC/22-23/SP/034-2	08.08.2023	NEC ,NASHIK

Important Remarks:

1. This certificate is issued for calibration items submitted for calibration.
2. Equipment used for calibration is calibrated & traceable to National & International Standards.
3. Next calibration date (1 year) mentioned in the certificate is given as per customer request.
4. The reported uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95% for a normal distribution.
5. Certificate will not reproduce except in full without written permission of UTPL Laboratory. Any hand-written correction or marking in this calibration certificate are not accepted and invalid.
6. UTPL is not liable for any change in calibration data & performance specification on account of malfunctioning of Standards/Instruments/Equipment covered by this certificate due to damage caused to it after issuance of this certificate.

UNITECH TECHNOCARTS PVT. LTD. CALIBRATION LAB Vadodara

Calibrated By
Bhumika Jadav

Reviewed & Approved By
Maulik Dudani

CIN NO.: U29221GJ2015PTC082824

Regd. Off. : 78/1/Z/3 Makarpura GIDC,
Nr. Vadsar Bridge, Vadodara - 390010. (Guj) India.

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Doc. No. QC F 05

Certificate Number.	Page No.	Date of Calibration
UTPL/02-23/ET/0071	**2**	**20-02-2023**
ULR No.	No. of Pages	Next calibration Due Date
CC302523000000071F	**3**	**19-02-2024**

Electro-Technical Calibration Certificate

PARAMETERS:- DC VOLTAGE

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
400 mv	100.000	100.1	0.10	0.09
	400.00	400	0.00	0.16
4 V	1.00000	1.000	0.000	0.12
	4.0000	4.01	0.010	0.23
40 V	10.0000	10.02	0.020	0.12
	40.000	40.1	0.100	0.28
1000 V	100.000	100.0	0.000	0.09
	400.00	400	0.000	0.16
	1000.00	999	1.000	0.11

PARAMETERS :- AC VOLTAGE

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
400 mv	400.00	400.4	0.400	0.21
4 V	1.00000	1.001	0.001	0.19
	4.0000	3.999	0.001	0.19
40 V	10.0000	10.00	0.000	0.19
	40.000	39.9	0.100	0.19
1000 V	100.000	100.0	0.000	0.18
	400.00	400	0.000	0.24
	1000.00	1001	1.000	0.14

PARAMETERS :- TC

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
K TYPE	0.0	1.0	1	1.3
	600.0	601	1	1.3
	1100.0	1102	2	1.3

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Certificate Number.	Page No.	Date of Calibration
UTPL/02-23/ET/0071	**3**	**20-02-2023**
ULR No.	No. of Pages	Next calibration Due Date
CC302523000000071F	**3**	**19-02-2024**

Electro-Technical Calibration Certificate

PARAMETERS :- DC CURRENT

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
40 mA	1.00000	1.00	0.00	0.99
	20.0000	20.03	0.03	0.17
	40.000	40.0	0.00	0.30
400 mA	200.000	200.1	0.10	0.12
	400.00	400.1	0.10	0.13
10 A	10.0000	10.03	0.03	0.12

PARAMETERS : -AC CURRENT @ 50Hz

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
40 mA	1.0000	0.99	0.01	5.79
	20.000	20.02	0.02	0.14
	40.000	39.9	0.10	0.23
400 mA	200.000	200.0	0.00	0.14
	400.00	400.1	0.10	0.14
10 A	10.0000	10.02	0.02	0.18

PARAMETERS:- RESISTANCE

Range	Reading On Standard	Reading On UUC	(±)Deviation	(±) Expanded Uncertainty (%)
400 Ω	400.00	399.9	0.100	0.53
4 kΩ	4.000	3.998	0.002	0.25
50 kΩ	50.00	50.0	0.000	0.26
240 kΩ	240.0	240.1	0.100	0.24
2.4 MΩ	2.4	2.401	0.001	0.26
24 MΩ	24	24.01	0.010	0.34

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** END OF CALIBRATION REPORT**

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