

Certificate of Calibration

Certificate Number: **795196**



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VTG, LLC (IND Analytical)
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PO: 727/4064-23052023

Order Date: 05/23/2023

Authorized By: N/A

Property #: N/A
 User: N/A
 Department: N/A
 Make: Pro Stat
 Model: PRS-801
 Serial #: 0716A038
 Description: Resistance System
 Procedure: 402446
 Accuracy: Refer MFR Spec.

Calibrated on: 06/18/2023
 *Recommended Due: 06/18/2024
 Environment: 23 °C 40 % RH
 As Received: Within Tolerance
 As Returned: Within Tolerance
 Action Taken: Calibrated
 Technician: 40

Remarks: * Many factors may cause the unit to drift out of calibration before the recommended due date. Any reported error is the absolute value between the reference and the unit.

Returned with case and probes.

Standards Used

Std ID	Manufacturer	Model	Nomenclature	Due Date	Trace ID
711A	JJ Calibrations	HV Resistance Box	Resistance Box, High Voltage	07/31/2023	776907
720A	IET	HARS-X-11-0.001	High Accuracy Resistance	06/24/2023	770147
582A	Fluke	8508A	8 1/2 Reference Mtr	06/28/2023	772664

Measurement Data

Parameter	Measurement Description	Range Unit	Reference	Min	Max	*Error	UUT
Before/After							
Resistance							
	100V @ 1E-3	1 kOhm	1.000	0.90	1.10	0.09	0.91 kOhm
	100V @ 1E-5	100 kOhm	100.0	95	105	1	99 kOhm
	100V @ 1E-6	1 MOhm	1.000	0.90	1.10	0.02	0.98 MOhm
	100V @ 1E-7	10 MOhm	10.00	9.5	10.5	0.0	10.0 MOhm
	100V @ 1E-8	100 MOhm	100.0	95	105	1	99 MOhm
	100V @ 1E-9	2 GOhm	2.000	1.90	2.10	0.01	1.99 GOhm
	100V @ 1E-10	10 GOhm	10.00	9.5	10.5	0.4	9.8 GOhm

This instrument has been calibrated in accordance with the JJ Calibrations Quality Assurance Manual and is traceable to either the SI or to National Institute of Standards and Technology (NIST). The quality system and this certificate are in compliance with ANSI/NCCL Z540-1-1994, ISO/IEC 17025-2017, ISO 10012-1, the ISO 9000 family and QS 9000. The expanded uncertainties of measurements for this calibration are based upon 95% (2 sigma) confidence limits. Unless stated in the comments, certificates reflect the "Simple Acceptance Rule" as specified by JCGM 106:2012. Unless otherwise stated, a test accuracy ratio (TAR) of 4:1, if achievable, is maintained. The results reported herein apply only to the calibration of the item described above. This report may not be reproduced, except in full, without written approval of JJ Calibrations.

Reviewer

Issued 06/19/2023

Rev # 15

Inspector