

As Left Certificate of Calibration

Manufacturer: **Radian Research, Inc.**
Instrument Model: **RX-33-PQ Xytronic Portable Standard**
Serial Number: **712572**
Firmware Revision: **12.02.03**
Error Specification: **.01% worst case**



ISO 9001:2015 Certified Quality Management System
ISO/IEC 17025:2017 Accredited Laboratory

Calibration Lab Name: **Radian Research, Inc.**
Calibration Lab Address: **3852 Fortune Drive, Lafayette, IN 47905, USA**
Calibration Date: **8-Sep-26**
Report Issue Date: **9-Sep-26**

Environmental Conditions

Temperature: **23°C +/- 2°C**
Humidity: **between 30% and 60%**

Physical Condition: Undamaged

Note: If the device is out of tolerance, it will be adjusted, unless otherwise requested by the customer. Results are considered out of tolerance if at any measurement, the magnitude of measured error + measurement uncertainty + the guard band of 0.001% error (10 ppm) is greater than the published error specification.

Radian Research's As-Found Test Results showed this instrument to be:

☐ New ☒ In Tolerance ☐ Out of Tolerance ☐ Inoperative ☐ Limited Calibration ☐ Repair Needed

Radian Research's As-Left Test Results showed this instrument to be:

☐ New ☒ In Tolerance ☐ Out of Tolerance ☐ Inoperative ☐ Limited Calibration

For Out of Tolerance conditions, As-Found Data Reports are furnished.

Radian Research, Inc. certifies the instrument listed above meets or exceeds specifications and was calibrated in compliance with ANSI/NCSL Z540-1-1994. Identified results are accredited to ISO/IEC 17025:2017 "General Requirements for the Competence of Testing and Calibration laboratories", using applicable Radian Research procedures which meet the requirements of ISO 9001:2015 and ISO/IEC Guide 98-3 "Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)".

This instrument was calibrated by a Radian Research RS-933 Syntron Automated Calibration System which is traceable to the National Institute of Standards and Technology (NIST) and/or other National Metrology Institute (NMI). The Automated Calibration system is cross checked and calibrated on a schedule which is adjusted to maintain required accuracies and traceability. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2.

Procedure used for Calibration: **9912270**
Software used for Calibration: **Radian Research RS-933 Control Application Version 2.6.8312.21655**
RS-933 Tool Number: **9922573**

Standards Used in This Calibration:

Description	Serial Number(s)	Cal. Source	Cal. Number:	Cal. Due
RS-940B Data Collection Module	933172	Radian Research	933172-20260413	4/13/2027
RS-711 Syntron with RS-932 Boost Module (Phase A)	703273	Radian Research	703273-20260610	6/10/2027
RS-711 Syntron with RS-932 Boost Module (Phase B)	703274	Radian Research	703274-20260609	6/9/2027
RS-711 Syntron with RS-932 Boost Module (Phase C)	703275	Radian Research	703275-20260612	6/12/2027

Laboratory Technician Signature

Carmen Reilly
LAS
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Metrology Engineer Signature

[Signature]

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