

Certificate of Calibration

Manufacturer: Radian Research, Inc.
Instrument Model: RX-33-PQ Xytronic Portable Standard
Serial Number: 710851
Firmware Revision: 11.05.06
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: 23-Nov-20
Report Issue Date: 24-Nov-20

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

Physical Condition: Undamaged
Radian Research's As-Found Test Results showed this Instrument to be:
 New
 In Tolerance
 Out of Tolerance
 Inoperative
 Limited Calibration

Radian Research, Inc. certifies the instrument listed above meets or exceeds specifications and was calibrated in compliance with ANSI/NCSL Z540-1-1994 "Calibration Laboratories and Measuring and Test Equipment – General Requirements" 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 2.4.7299.14599
RS-933 Tool Number: 9911149

Standards Used in This Calibration:

<u>Description</u>	<u>Serial Number(s):</u>	<u>Cal. Source</u>	<u>Cal. Number:</u>	<u>Cal. Due</u>
RS-940B Data Collection Module	933159	Radian Research	933159-20200927	9/27/2021
RS-711 Syntron with RS-932 Boost Module (Phase A)	703187	Radian Research	703187-20200508	5/8/2021
RS-711 Syntron with RS-932 Boost Module (Phase B)	703185	Radian Research	703185-20200507	5/7/2021
RS-711 Syntron with RS-932 Boost Module (Phase C)	703142	Radian Research	703142-20200511	5/11/2021

Laboratory Technician Signature


LAB
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