

RS-933

Power & Energy Automated Calibration System Upgrade

**Upgrade your RS-703A or RS-600
to the new RS-933 Technology**



**TCP/IP Interface Protocol Enables System Control and
Data Transfer and Management from within Company
Local Area Network**

**No need for additional boxes with Wide Current
Range 1mA to 200A**

Support all your workload needs with 50ppm Accuracy

Automated Testing of 16 Meters Simultaneously

**Efficient On-Site Calibration using Radian's RD-22
AC/DC Transfer Standard Two Year Warranty**

Overview

The RS-933 upgraded and improved control software provides full automation and documentation control. The familiarity of the Microsoft Windows based solution that can be used with your existing company computers shortens integration time and reduces training needs. System efficiency is further enhanced using TCP/IP interface protocol making control and data access available from your company network. This control allows test data to be accessed at any local or remote terminal.

The upgrades ability to deliver 1mA to 200A from one single output offers a versatile solution that reduces test time by eliminating the need to reconfigure test leads. Radian's direct drive current output technology improves stability, repeatability and settling time without the need for measurement feedback found on older equipment.

The system achieves a guaranteed watt-hour accuracy of 50 ppm over the entire range, this delivers a superior calibration solution to address a broad range of calibration or meter type testing.

With a RS-933 upgrade, calibrate a range of test equipment including; Energy Reference Standards, Digital Multimeters, Phase meters, Energy meters, Power meters, Revenue meters, Amp meters, Panel meters & Power Quality meters.

The RS-933 has the ability to create user defined waveforms. Independent Voltage and Current harmonics relative to the fundamental are established using the software provided. The system automatically tests up to 16 meters simultaneously maximizing throughput and reducing labor costs.

The RS-933 is based on Radian's proven Syntron technology, continual development offers unparalleled performance across a wide range of functions. Contact your Radian representative for additional information on this efficient and cost effective upgrade.

Upgrade System Configurations

Model Number

703/1P/UPG/120 BOOST
703/1P/UPG/200 BOOST
amp
703/3P/UPG/120 BOOST
703/3P/UPG/200 BOOST

Booster Upgrade only Description ¹

Single phase boost module, 120 amp
Single phase boost module, 200
Three phase boost module, 120 amp
Three phase boost module, 200 amp

Model Number

UPG93X/16C DATA

Data Collection Upgrade only Description ²

16 channel data collection module

Model Number

600UPG/931/16C/120
600UPG/931/16C/200
600UPG/933/16C/120
600UPG/933/16C/200

RS-600 System Upgrade Description ^{1 2}

Single phase, 16 channel data collection, 120 amp
Single phase, 16 channel data collection, 200 amp
Three phase, 16 channel data collection, 120 amp
Three phase, 16 channel data collection, 200 amp

Model Number

703/1P/UPG/931/16C/120
703/1P/UPG/931/16C/200
703/1P/UPG/933/16C/120
703/1P/UPG/933/16C/200

RS-703A Singlephase System Upgrade Description ^{1 2}

Single phase, 16 channel data collection, 120 amp
Single phase, 16 channel data collection, 200 amp
Three phase, 16 channel data collection, 120 amp
Three phase, 16 channel data collection, 200 amp

Model Number

703/3P/UPG/933/16C/120
703/3P/UPG/933/16C/200

RS-703A Threephase System Upgrade Description ^{1 2}

Three phase, 16 channel data collection, 120 amp
Three phase, 16 channel data collection, 200 amp

¹ Requires return to factory

² Requires new computer platform

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