

Maxwell[®] RSC 48

Flexible, Modular Nucleic Acid Purification



The Maxwell® RSC 48 System

Trusted Maxwell® purification reagents with higher throughput. The Maxwell® 48 Instrument processes up to 48 samples at once while the compact instrument size minimizes the impact on precious laboratory space. The instrument easily integrates into your laboratory workflow, increasing productivity and decreasing the risk of human error.

Reliable

Maxwell® RSC 48 System uses prefilled cartridges and preprogrammed methods for efficient reproducible nucleic acid extraction. An integrated vision system detects proper cartridge setup, reducing the potential for user error, and a large LED provides a visual indication of current run status. Purified samples are compatible with a wide range of downstream applications such as PCR, quantitative PCR, Sanger sequencing, Next Generation Sequencing (NGS), microarrays and digital droplet PCR.

Flexible

The Maxwell® RSC 48 System works with a variety of sample types, including human blood, cells and tissues using protocols that are fast and easy. The instrument's sample throughput is adaptable, allowing you to process anywhere from 1 to 48 samples simultaneously.

Intuitive Software

Maxwell® RSC 48 software is so intuitive that you'll be able to set up and perform your first run in a matter of minutes after initial instrument setup.

Supported

The Maxwell® RSC 48 Instrument is backed by a comprehensive one year standard warranty and our expert service team and a full line of additional service products.

Maxwell® RSC 48 Supported Chemistry Kits

Product	Typical Protocol Run Time	Cat.#
Maxwell® RSC Blood DNA Kit	36 minutes	AS1400
Maxwell® RSC SimplyRNA Cells Kit	51 minutes	AS1390
Maxwell® RSC SimplyRNA Blood Kit	53 minutes	AS1380
Maxwell® RSC DNA FFPE Kit	40 minutes	AS1450
Maxwell® RSC RNA FFPE Kit	40 minutes	AS1440
Maxwell® RSC ccfDNA Plasma Kit	70 minutes	AS1480
Maxwell® RSC SimplyRNA Tissue Kit	51 minutes	AS1340
Maxwell® RSC Whole Blood DNA Kit	39 minutes	AS1520
Maxwell® RSC Viral Total Nucleic Acid Purification Kit	32 minutes	AS1330
Maxwell® RSC miRNA Tissue Kit	72 minutes	AS1460

Efficient Purification:
One Sample, One Cartridge — No Waste

Specifications

Sample Capacity: 1–48 Samples; (2) 24 position, removable trays

Intended Use: Research Use Only

Dimensions excluding Tablet PC (W x D x H):
21 x 20 x 12.5 inches (533 x 508 x 217.5 mm)

Weight: 70 lbs (31.75 kg) est.

Main Power Voltage: 100–240V AC, 50/60Hz; autosensing; 4 Amps

Operating Environment: 15–25°C

Service and Warranty: 1-year limited warranty on parts and labor. Extended service contracts

UV-Bulb: Average lifetime approximately 6,000 hours

