

RAN<sup>●</sup>OX

# RX SERIES ANALYSER OVERVIEW

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EXCELLENCE IN CLINICAL CHEMISTRY TESTING

PRECISION • RELIABILITY • ACCURACY

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# RX SERIES

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## OFFERING THE WORLD'S LARGEST CLINICAL CHEMISTRY TEST MENU

Renowned for quality and reliability, the RX series leads the way with the world's most extensive dedicated clinical chemistry test menu comprising routine chemistries, specific proteins, lipids, therapeutic drugs, antioxidants, veterinary and diabetes testing. Guaranteeing real cost savings through consolidation of routine and specialised tests onto a single platform. The RX series analysers deliver excellence in patient care, offering unrivalled precision with excellent reagent CV ranges, providing laboratories with the upmost reliability, analyser uptime and accuracy of patient results.

With our extensive test menu and versatile range of analysers, the RX series presents the ultimate in performance, functionality and efficiency with testing capabilities to suit all laboratory sizes and types. Renowned for robust hardware and intuitive software, the RX series continues to revolutionise testing in a variety of laboratory types including; Clinical Laboratories, University & Research Institutes, Veterinary Laboratories and Food & Wine Testing Laboratories.



### RX MISANO

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The RX misano has been developed with the user in mind by incorporating a responsive touch-screen display. The sleek ergonomic design boasts intuitive user-friendly software allowing for test menu personalisation and ease of use. The RX misano is capable of high standard, precise results at a competitive price per test.



### RX MONACO

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The RX monaco is a fully automated solution for low to mid volume clinical chemistry testing offering the ultimate in convenience, performance and confidence. At optimal configuration, the RX monaco performs 170 tests per hour providing cost effective, high quality testing.

## RX DAYTONA+

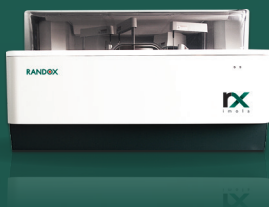
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The RX daytona+ is a fully automated, benchtop, clinical chemistry analyser capable of performing high quality testing, with a combined throughput of 450 tests per hour, for accurate results you can trust. The most versatile analyser in its class, the RX daytona+ combines robust hardware and intuitive software with the world leading RX series test menu for unrivaled performance, with direct HbA1c testing capabilities.

## RX IMOLA

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The RX imola is a cost effective system that delivers consistent high quality results. Capable of handling the workload of a medium to high throughput laboratory and a combined throughput of 560 tests per hour, the RX imola provides rapid, comprehensive testing on a small footprint analyser when it matters most, with direct HbA1c testing capabilities.

## RX MODENA

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Capable of performing up to 1,200 tests per hour, with direct HbA1c testing capabilities, the RX modena consolidates all your assay requirements onto one intuitive platform. The RX modena boasts icon based, interactive touch-screen technology adding a modern flair to your laboratory.

# RX MISANO

## A HIGH PERFORMANCE, SEMI-AUTOMATED CLINICAL CHEMISTRY ANALYSER

### WORLD LEADING SEMI-AUTOMATED TEST MENU

The RX misano is capable of high standard, precise results at a competitive price per test expanding testing capabilities with the ability to perform both routine and specialised tests including chemistries, specific proteins, antioxidants, veterinary and diabetes testing, analysing a variety of sample types, including; Serum, Plasma, Urine & Wine.

### EXCELLENCE IN CLINICAL CHEMISTRY

The RX misano shines a new light on semi-automated clinical chemistry testing with increased auto-functionality and groundbreaking technology. Revolutionising the RX series with its bold look, innovative design, and outstanding performance, it sets the benchmark for the next generation of the RX series clinical chemistry analysers.



#### Optimum Performance

- Automatic flagging of errors ensures timely troubleshooting for accurate results
- Advanced QC software allowing performance to be monitored
- Advanced password protection function ensures confidentiality of results, 3 user levels are available allowing user defined access
- Built in humidity and temperature sensors
- One year warranty as standard with unrivalled technical support from Randox



#### Excellent Functionality

- Intuitive icon based software and touch-screen technology for ease of use
- Multiple languages available for extra convenience if required
- Minimal maintenance required with on-screen instructions to guide the user



#### Flexible & Efficient

- Extremely small footprint, takes up minimal space in the laboratory and is easily transported
- Minimal training is required, highlighting ease of use
- Up to 10 wavelengths can be generated via solid state filter device (340 - 700nm standard)
- Can be used across multiple matrices

### ORDERING INFORMATION

RX misano analyser

RX6015

RX misano cuvette incubator

A702 - 496

To find out more visit [randox.com/rx-misano](https://randox.com/rx-misano)

1

#### Cuvettes & Flow Cell

Option to run flow cell or cuvette mode ensures a maximum number of chemistries can be performed on one system. Flow cell washing avoids contamination ensuring accurate results are produced.

2

#### USB Port

USB port for exporting patient, QC and calibration results. This enables the user to quickly export results from the analyser and convert into CSV format. An optional on-board printer is available for laboratories that prefer to directly print results from the analyser.

3

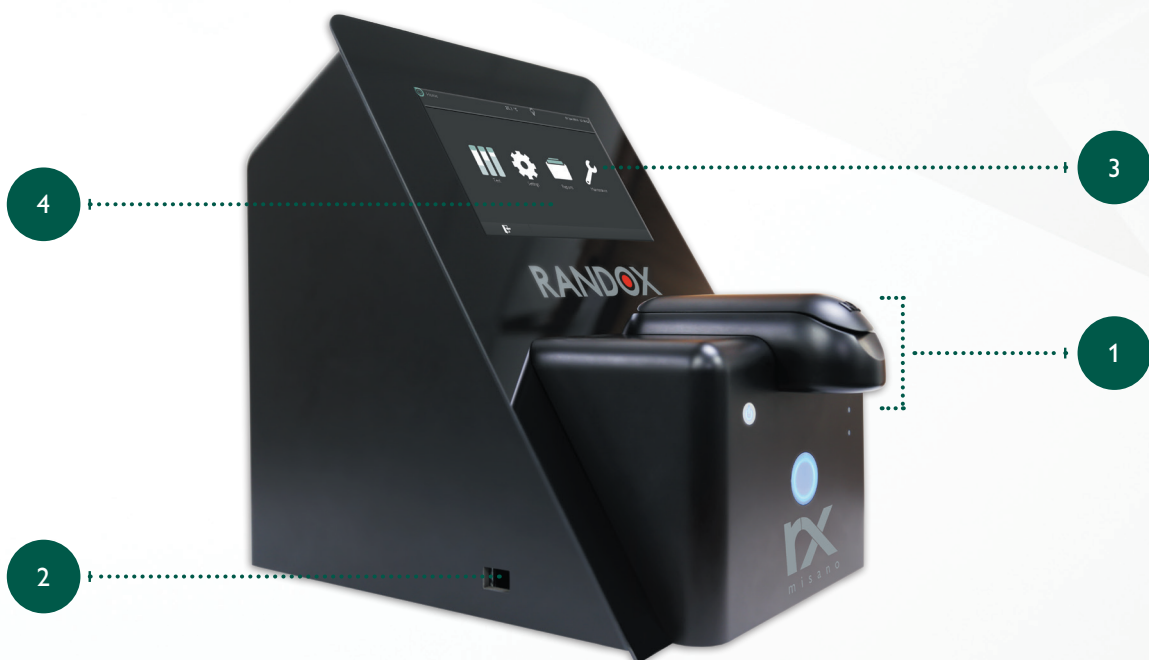
#### LCD Touch-Screen Display

Quality display on a large 7" LCD touch-screen, responsive even when wearing lab gloves. Simple on-screen icon based navigation allows the user to efficiently complete their testing with minimal effort.

4

#### Advanced Password Protection

Advanced password protection function for analyser setup, assay management and QC result inclusion/exclusion. This gives laboratories confidence that their results are well protected on this system and only those who are authorised can gain access.



# RX MONACO

## A COMPACT FULLY AUTOMATED SOLUTION FOR HIGH QUALITY CLINICAL CHEMISTRY TESTING

### EXTENSIVE DEDICATED TEST MENU

The RX monaco comprises an extensive test menu covering routine chemistries, specific proteins, lipids, antioxidants, diabetes and veterinary testing with emergency and STAT sampling. The RX monaco is ideal for low to mid volume clinical chemistry testing consolidating routine and specialised testing onto one efficient and easy to use platform.

### EXCELLENCE IN CLINICAL CHEMISTRY

Offering the ultimate in convenience, performance and confidence, the RX monaco is capable of performing 170 photometric tests per hour. The RX monaco combines robust hardware and intuitive software offering customers choice to suit their unique circumstances, where they can choose between a benchtop or floor standing system.



#### Optimum Performance

- Built in inventory management system automatically reports remaining reagent volume
- Sample volume of just 3 - 35µl (0.1µl increments) with a sample dead volume of 100µl
- Cuvette check function ensures only clean reaction vessels are used
- Low water consumption of 5.5 litres per hour at maximum throughput
- 12 wavelength options ranging from 340 - 800nm
- One year warranty as standard with unrivalled technical support from Randox



#### Excellent Functionality

- User friendly Windows® 10 based software with integrated barcode readers for samples and reagents. 3 levels of password protection available enabling different levels of access
- Generation of Levey - Jennings charts, calibration curves and QC statistics
- Variety of calibration options include 1 point, 2 point, multi-point & non-linearity methods with user defined QC multi-rules
- Low maintenance required providing laboratories with maximum uptime



#### Flexible & Efficient

- Cost savings through consolidation of routine and niche tests on a single platform
- The RX monaco will reduce costly test re-runs and potential misdiagnosis
- Available as a bench top or floor standing model depending on laboratory requirements
- Unrivalled performance with excellent correlation to gold standard methods

### ORDERING INFORMATION

RX monaco analyser (benchtop)

RX5000

RX monaco analyser (with stand)

RX5001

To find out more visit [randox.com/rx-monaco](https://randox.com/rx-monaco)



1

#### Sample Carousel

The RX monaco comprises a shared cooled reagent and sample carousel with 66 user defined positions, ensuring reagents, controls and calibrators can be stored on-board the analyser without compromising stability.

2

#### Wash Station

A thorough 12 stage washing process with acid, alkali and pure water wash steps helps minimise contamination. The on-board cuvette checking function ensures only clean reaction vessels are used. The stirring system is rinsed with purified water to reduce carryover.

3

#### Reaction Carousel

The reaction carousel contains 120 semi-permanent optical plastic cuvettes and boasts an impressive 15 second cycle time. The reaction temperature is controlled by a water bath with each cuvette washed after use through a robust 12 step washing process.

4

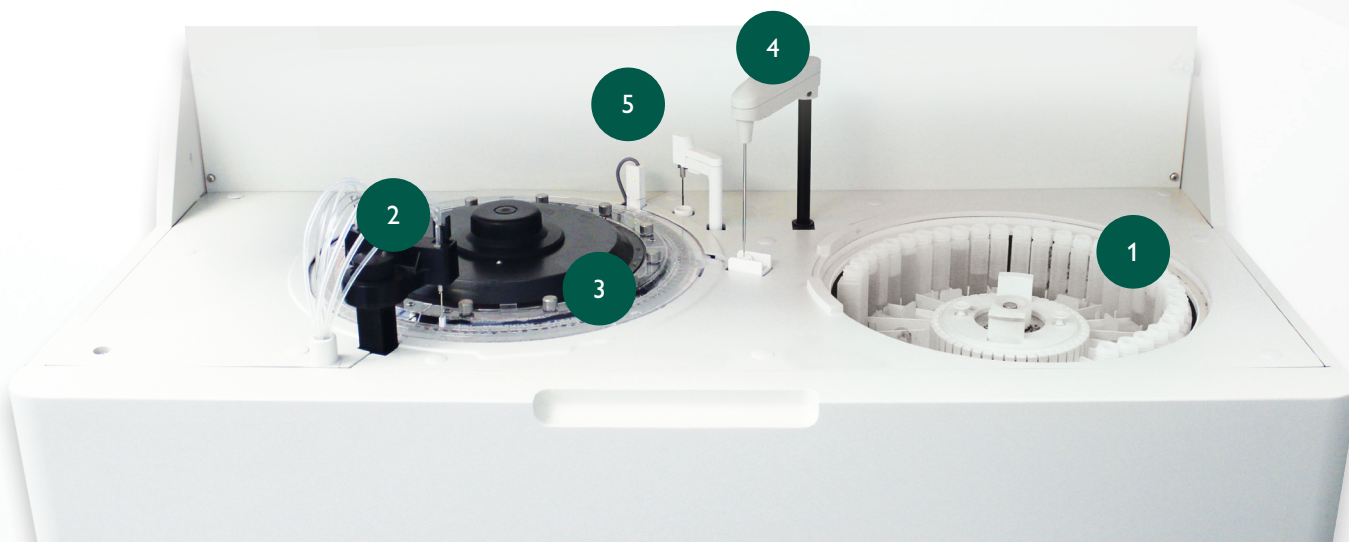
#### Pipette

Single reagent and sample pipette with liquid level detection and collision protection which is rinsed inside and out after use with warm water.

5

#### Mixing System

The on-board mixing system comprises a variable 5 - speed stirrer with Teflon coating to provide optimum mixing of the reaction solution. The stirrer is automatically rinsed with purified water to reduce the risk of carryover.



# RX DAYTONA+

## A FULLY AUTOMATED CLINICAL CHEMISTRY ANALYSER WITH UNRIVALLED PERFORMANCE

### EXTENSIVE DEDICATED TEST MENU

Comprising the RX series world leading test menu, the RX daytona+ performs a wide range of niche and specialised routine chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants, diabetes and veterinary testing. The RX daytona+ also has Direct HbA1c testing capabilities, requiring no sample pre-dilution, saving time in the laboratory. The RX daytona+ has the capability of analysing a variety of sample types including Serum, Plasma and Urine.

### EXCELLENCE IN CLINICAL CHEMISTRY

The RX daytona+ is a fully automated, random access platform delivering a high level of precision, accuracy and reliability with the ability to perform emergency STAT sampling. The most versatile analyser in its class, the RX daytona+ is capable of performing 270 photometric tests per hour and up to 450 with ISE testing.



#### Optimum Performance

- Built in inventory management system reporting remaining reagent volume with an integrated barcode reader for reagent and sample identification
- Standard and paediatric sample cups can be used with a dead volume of 150µl for standard samples and 100µl for paediatric samples
- Sample volume of just 1.5µl (0.1µl increments)
- One year warranty as standard with unrivalled technical support from Randox
- 12 wavelength options ranging from 340-800nm
- Low water consumption of 5 litres per hour



#### Excellent Functionality

- User friendly Windows® 10 based software with 3 levels of password protection available
- Generation of Levey - Jennings charts, calibration curves, QC statistics and the ability to view QC history
- Calibration options include: Factor, Linear, Point to point, Log-logit, Exponential, Spline and Spline 2
- Providing laboratories with maximum uptime



#### Flexible and Efficient

- Consolidation of a wide variety of routine and specialised tests onto a single platform
- Unrivalled performance with excellent correlation to gold standard methods
- Option to use ISE for the measurement of sodium, potassium and chloride electrolyte testing

### ORDERING INFORMATION

RX daytona+ with ISE	RX4040
RX daytona+ without ISE	RX4041

To find out more visit [randox.com/rx-daytona-plus](https://www.randox.com/rx-daytona-plus)

1

### Reagent Carousel

50 reagent positions for 70ml and 20ml bottles, all cooled between 8 - 15°C. Automatic barcode identification ensures smooth recognition of reagents. Dedicated reagents are available from Randox.

2

### Mixing Systems

Equipped with dual 5 speed stirrers. The option of different mixing speeds ensures each reagent and sample are at optimum viscosity to enable accurate and precise measurement.

3

### Wash Station

A thorough 12 stage washing process with acid, alkali and pure water wash steps. Liquid level sensors at stations 1 - 5 prevent cuvette overflows.

4

### Sample Carousel

50 positions are contained within the universal carousel, including 10 bespoke positions for calibrators and controls. The emergency loading port allows for the processing of STAT samples. Barcode sample identification ensures accurate matching of patient identification to specimen. Low sample volumes (1.5 - 35µl) enable easy testing of paediatric and veterinary patients.

5

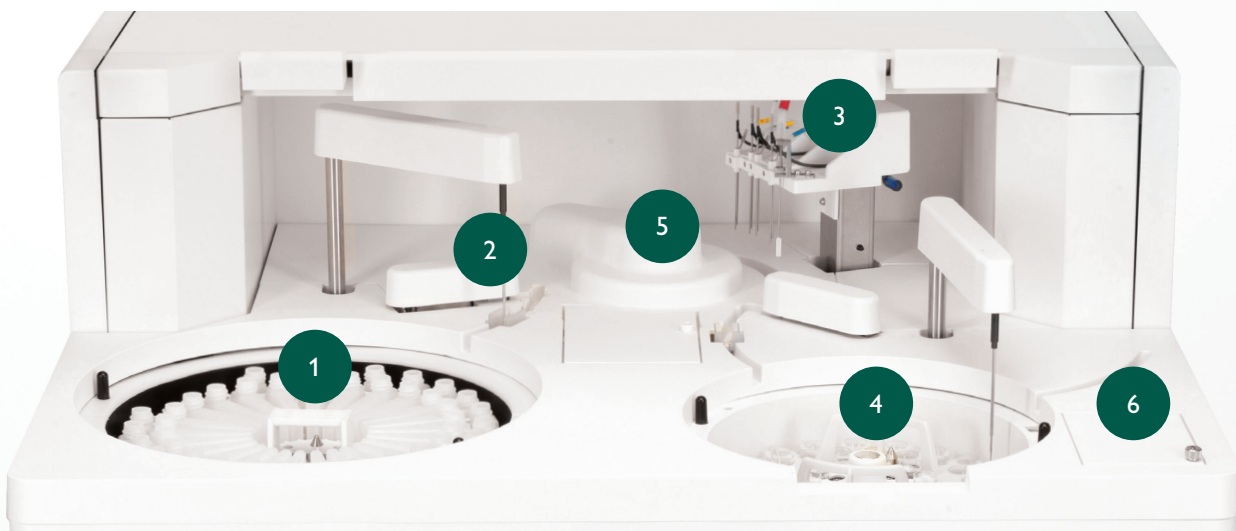
### Semi-Permanent Cuvettes

72 semi-permanent reaction cuvettes lasting for 3 - 6 months. On-board cuvette checking function ensures only clean and viable reaction vessels are used.

6

### Optional ISE Unit

Providing cost savings, the RX daytona+ has a built in ISE unit for direct measurements of sodium, potassium and chloride. The direct ISE approach requires no dilution steps to be carried out limiting possible sources of inprecision.



# RX IMOLA

## RAPID, COMPREHENSIVE CLINICAL CHEMISTRY TESTING

### EXTENSIVE DEDICATED TEST MENU

The RX imola comprises the RX series world leading test menu covering routine chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants, diabetes and veterinary testing. Leading the way, the RX imola has testing capabilities for a wide range of our high performing and unique assays including Direct HbA1c. Capable of analysing a variety of samples types including Serum, Plasma and Urine.

### EXCELLENCE IN CLINICAL CHEMISTRY

Delivering consistent high quality results, the RX imola is ideal for medium to high throughput laboratories and is capable of performing 400 photometric tests and 560 tests per hour including ISE. The RX imola excels in performance and functionality to provide rapid, comprehensive testing.



#### Optimum Performance

- Built in inventory management system monitors remaining reagent volume and number of tests
- Sample volume of just 2 - 35µl (0.1µl increments)
- Standard and paediatric sample cups can be used on-board with a dead volume of 150µl for standard samples and 100µl for paediatric samples
- One year warranty as standard with unrivalled technical support from Randox
- 12 wavelength options ranging from 340 - 800nm
- Water consumption of 18 litres per hour



#### Excellent Functionality

- User friendly Windows® 10 based software
- Generation of Levey - Jennings charts, calibration curves, QC statistics and the ability to view QC history
- Variety of calibration options: Factor, Linear, 2 Point, Point to Point, Spline, Log-logit and Exponential
- 3 levels of password protection available enabling different levels of access
- Daily maintenance takes less than 5 minutes per day



#### Flexible and Efficient

- Cost savings through consolidation of routine and niche tests on a single platform
- The RX imola will reduce costly test re-runs and potential misdiagnosis
- Unrivalled performance with excellent correlation to gold standard methods
- Maximum uptime with 90 on-board permanent Pyrex® cuvettes

### ORDERING INFORMATION

RX imola analyser

RX4900

To find out more visit [randox.com/rx-imola](https://randox.com/rx-imola)

1

#### Reagent Carousel

60 reagent positions for 20ml, 50ml and 100ml bottles, all cooled between 8 -15°C. Our smart reagent inventory management system with automatic barcode functionality ensures instant recognition of reagents. Randox offers a wide range of dedicated, high performing and unique reagents.

2

#### Dual Stirrers

Dual 5 speed rotating stirrers rinsed with purified water. The option of different mixing speeds ensures each reagent and sample are at optimum viscosity to enable accurate and precise measurement.

3

#### Wash Station

An 8 stage washing process with acid, alkali and pure water wash steps ensures cuvettes are thoroughly cleaned before each test. Liquid level sensors prevent cuvette overflows.

4

#### Sample Carousel

The emergency loading port allows run interruption for STAT sample processing. 72 positions are contained within the outer ring of the carousel for normal and STAT samples with 20 positions available in the inner ring for QC and calibrators. Barcode sample identification ensures accurate matching of patient identification to specimen.

5

#### Permanent Cuvettes

With 90 permanent Pyrex® cuvettes, the RX imola reduces downtime and ongoing consumable costs associated with changing disposable or semi-disposable cuvettes. Permanent cuvettes offer a lifespan of up to 5 years ensuring stability and accuracy of patient results.

6

#### ISE Unit

Providing cost savings, the RX imola has a built in ISE unit for direct measurements of sodium, potassium and chloride. The direct ISE approach requires no dilution steps to be carried out limiting possible sources of imprecision.



# RX MODENA

## A SUPERIOR HIGH THROUGHPUT, FULLY AUTOMATED CLINICAL CHEMISTRY ANALYSER

### EXTENSIVE DEDICATED TEST MENU

The RX modena utilises the RX series ever expansive, unrivalled test menu covering routine and specialised chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants, diabetes and veterinary testing. Leading the way, the RX modena has a fully on-board hemolysis function for Direct HbA1c testing.

### EXCELLENCE IN CLINICAL CHEMISTRY

Bringing a new era to clinical chemistry testing, the RX modena is capable of performing 800 photometric and a total of 1,200 tests per hour including ISE. Delivering in high quality performance, the RX modena presents a new class of efficiency without compromising on the precision, reliability and accuracy that the RX series is renowned for.



#### Optimum Performance

- Built in inventory management system calculating remaining reagent volumes and number of tests available
- Automatic test re-run function and automatic sample dilution
- Continuous loading allows samples to be added during runs enhancing productivity
- Water consumption of 20 litres per hour
- One year warranty as standard plus unrivalled technical support from Randox
- 13 wavelengths generated via diffraction grating (340 - 800nm)



#### Excellent Functionality

- User friendly Microsoft Windows® 10 based software utilising interactive touch-screen technology with barcode readers for both sample and reagent identification
- Advanced QC capabilities - daily, monthly and batch QC with data archiving, Levey-Jennings charts, automatic QC and automatic calibration
- 7 different calibration options available including: Factor, Linear, Point to point, Log-logit, Exponential, Spline and Spline 2, capable of running end point, 2 point end rate, 2 point rate and ISE
- Minimal maintenance required providing laboratories with maximum uptime



#### Flexible & Efficient

- Offering consolidation of routine and niche tests on a single platform
- Continuous loading is facilitated detecting free space on-board the analyser to allow samples to be analysed quickly and easily during a run saving time
- Unrivalled performance with excellent correlation to gold standard methodologies

### ORDERING INFORMATION

RX modena analyser

RX9000

To find out more visit [randox.com/rx-modena](https://www.randox.com/rx-modena)

### Reagent Carousel

1

The RX modena reagent carousel has 100 cooled positions for 50 x 70ml & 50 x 20ml reagent bottles. An automatic barcode will identify the reagents added to the carousel which will be cooled between 8°C and 15°C to allow for a greater on-board stability.

2

### Dedicated Reagent Pipettes

Dedicated reagent pipette to ensure minimal carryover and testing errors.

3

### Sample Carousel

The RX modena has 94 sample positions available and up to 10 positions for calibrators and controls. STAT functionality allows for the addition of emergency samples when required. An on-board barcode scanner will identify the sample being tested.

4

### Sample Pipettes

Dedicated sample pipette to minimise the risk of carryover and testing errors with an added clot detection feature.

5

### Reaction System

153 semi-permanent cuvettes with cuvette check function, ensuring only clean cuvettes are used in the reaction.

6

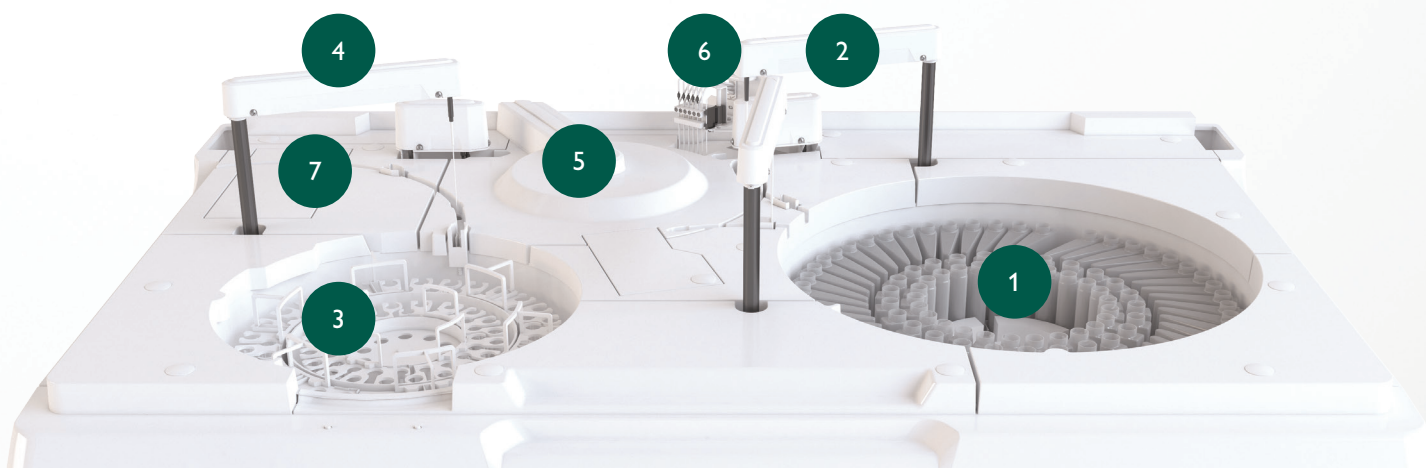
### Wash Station

A 7 stage washing process includes acid, alkali and pure water, wash steps. Stations 1-5 have liquid level sensors to prevent cuvette overflows. The washing unit washes cuvettes before and after measurement to ensure accurate results each time.

7

### ISE Unit

The RX modena features an on-board ISE module for the measurement of sodium, potassium and chloride with increased precision and accuracy with a minimum of 22µl sample volume required.



# THE RX SERIES TEST MENU



## CLINICAL

### AUTOIMMUNE:

Complement Component 3  
Complement Component 4  
CRP  
CRP Full Range (0.3-160mg/l)  
CRP High Sensitivity  
IgA  
IgE  
IgG  
IgM  
Rheumatoid Factor

### BASIC METABOLIC PROFILE:

Calcium  
CO<sub>2</sub> Total  
Chloride  
Creatinine  
Glucose  
Potassium  
Sodium  
Urea

### BONE PROFILE:

Alkaline Phosphatase  
Calcium  
Phosphorus  
Total Protein

### CARDIAC:

Cholesterol  
CK-MB  
CK-NAC  
CRP  
CRP Full Range (0.3-160mg/l)  
CRP High Sensitivity  
Direct HDL Cholesterol  
Direct LDL Cholesterol  
Homocysteine  
Lipoprotein (a)  
sdLDL  
Triglycerides

### COMPREHENSIVE METABOLIC PROFILE:

Albumin  
Alkaline Phosphatase  
ALT  
AST (GOT)  
Direct Bilirubin  
Calcium  
Chloride  
CO<sub>2</sub> Total  
Creatinine

Glucose  
Lactate  
Potassium  
Sodium  
Total Bilirubin  
Total Protein  
Urea

### DIABETES:

Cholesterol  
Creatinine  
Cystatin C  
Direct HDL Cholesterol  
Direct LDL Cholesterol  
Fructosamine  
Glucose  
Glycerol  
HbA1c/Hb (Direct)  
HbA1c/Hb (Indirect)  
Microalbumin  
NEFA (Non-Esterified Fatty Acids)  
Ranbut (Hydroxybutyrate)  
Total Protein  
Triglycerides  
Urinary Protein

### ELECTROLYTES:

Calcium  
Chloride (Nondirect)  
CO<sub>2</sub> Total  
Magnesium  
Potassium (Nondirect)  
Sodium (Nondirect)

### HAEMOLYTIC ANAEMIA:

G-6-PDH  
Haptoglobin  
LDH

### HEPATIC FUNCTION:

Albumin  
Aldolase  
Alkaline Phosphatase  
ALT  
Ammonia  
AST (GOT)  
Bile Acids  
Cholinesterase  
Complement Component 3  
Complement Component 4  
Direct Bilirubin  
Gamma GT  
GLDH

Glycerol  
Haptoglobin  
IgA  
IgG  
IgM  
Iron (UIBC)  
LDH  
sTfR  
Total Bilirubin  
Total Protein  
Transferrin  
Transthyretin (Prealbumin)

### INFLAMMATION AND INFECTION:

ASO  
CRP  
Lactate  
Rheumatoid Factor

### LIPIDS:

Apolipoprotein A-I  
Apolipoprotein All  
Apolipoprotein B  
Apolipoprotein CII  
Apolipoprotein CIII  
Apolipoprotein E  
Cholesterol  
Direct HDL Cholesterol  
Direct LDL Cholesterol  
Lipoprotein (a)  
sdLDL  
Triglycerides

### NEONATAL SCREENING:

CRP  
CRP Full Range (0.3-160mg/l)  
CRP High Sensitivity  
IgE  
Transthyretin (Prealbumin)

### NEUROLOGICAL DISORDERS (CSF):

IgA  
IgG  
IgM

### NUTRITIONAL STATUS:

Albumin  
Copper  
Ferritin  
Iron

Iron (UIBC)  
Lipase  
Magnesium  
Potassium  
TIBC  
Transferrin  
Transthyretin (Prealbumin)  
Zinc

### PANCREATIC FUNCTION:

Amylase  
Glucose  
LDH  
Lipase  
Pancreatic Amylase

### RENAL FUNCTION:

Albumin  
Ammonia  
Beta-2 Microglobulin  
Calcium  
Chloride  
Creatinine  
Cystatin C  
Glucose  
HbA1c/Hb (Direct)  
HbA1c/Hb (Indirect)  
IgG  
LDH  
Magnesium  
Microalbumin  
Potassium  
Sodium  
Phosphorus (Inorganic)  
Urinary Protein  
Urea  
Uric Acid





## VETERINARY

Albumin  
Alkaline Phosphatase  
ALT (GPT)  
Aldolase  
Ammonia  
Amylase  
AST (GOT)  
Bile Acids  
Bilirubin  
Calcium  
Chloride

Cholesterol  
Cholinesterase (Butyryl)  
CK-NAC  
CO<sub>2</sub> Total  
Copper  
Creatinine  
Canine CRP  
CRP  
Fructosamine  
Gamma-GT  
GLDH

Glucose  
Glycerol  
Iron (UIBC)  
Lactate  
Lactate Dehydrogenase  
LDL  
Lipase  
Magnesium  
NEFA (Non-esterified fatty acids)  
Phosphorus (Inorganic)  
Potassium

Ranbut (Hydroxybutyrate)  
Ransel (Glutathione peroxidase)  
Ransod (Superoxide dismutase)  
Sodium  
Total Protein  
Triglycerides  
Urea  
Uric Acid  
Urinary Protein  
Zinc



## TOXICOLOGY

### THERAPEUTIC DRUGS:

Phenobarbitol  
Valproic Acid

### DRUGS OF ABUSE:

Ethanol



## PROTEINS

### SPECIFIC PROTEINS:

Apolipoprotein A-I  
Apolipoprotein AII  
Apolipoprotein B  
Apolipoprotein CII  
Apolipoprotein CIII  
Apolipoprotein E  
ASO  
Beta-2 Microglobulin

Complement Component 3  
Complement Component 4  
CRP  
CRP Full Range (0.3-160mg/l)  
CRP High Sensitivity  
Cystatin C  
Ferritin  
Fructosamine

Haptoglobin  
HbA1c/Hb (Direct)  
HbA1c/Hb (Indirect)  
IgA  
IgE  
IgG  
IgM  
Lipoprotein (a)

Microalbumin  
Rheumatoid Factor  
sTfR  
Transferrin  
Transthyretin (Prealbumin)



## RESEARCH

### ANTIOXIDANTS:

Albumin  
Bilirubin  
Ferritin  
Glutathione Reductase  
Ransel (Glutathione Peroxidase)  
Ransod (Superoxide Dismutase)  
TIBC  
Total Antioxidant Status  
Transferrin  
Uric Acid

### FOOD AND WINE TESTING:

Acetic acid  
Ammonia  
Copper  
Ethanol  
Glucose/fructose  
Malic acid  
Potassium  
TAS

# THE RX SERIES A-Z TEST MENU



## SEMI-AUTOMATED (RX misano)

Acetic Acid	Calcium	GLDH	Sodium
Albumin	Chloride	Glucose Oxidase	Superoxide Dismutase (Ransod)
Aldolase	Cholesterol	Glucose Hexokinase	Total Antioxidant Status
Alkaline Phosphatase	Cholinesterase	Glutathione Peroxidase (Ransel)	Total Protein
ALT (GPT)	CK-MB	Glutathione Reductase	Triglycerides
Ammonia	CK-NAC	Glycerol	Urea
Amylase	CO <sub>2</sub> Total	Iron	Uric Acid
Apolipoprotein A- I	Copper	Lactate	Urinary protein
Apolipoprotein B	Creatinine	Lipase	Zinc
ASO	Cystatin C	Magnesium	
AST (GOT)	D-3-Hydroxybutyrate (Ranbut)	Malic Acid	
Beta-2 Microglobulin	Direct HDL Cholesterol	Microalbumin	
Bile acids	Direct LDL Cholesterol	NEFA (Non-Esterified Fatty Acids)	
Bilirubin (Direct)	G-6-PDH	Phosphorus (Inorganic)	
Bilirubin (Total)	Gamma - GT	Potassium	

# THE RX SERIES A-Z TEST MENU



## AUTOMATED

Acetic Acid	Complement Component 4	Iron	Urinary Protein
Albumin	Copper	Lactate	Valproic Acid
Aldolase	Creatinine	LDH	Zinc
Alkaline Phosphatase	CRP	LDL Cholesterol (Direct)	
ALT (GPT)	CRP Full Range (0.3-160mg/l)	Lipase	
Ammonia	CRP High Sensitivity	Lipoprotein (a)	
Amylase	Cystatin C	Magnesium	
Apolipoprotein A - I	Ethanol	Malic Acid	
Apolipoprotein All	Ferritin	Microalbumin	
Apolipoprotein B	Fructosamine	NEFA (Non-Esterified Fatty Acids)	
Apolipoprotein CII	G-6-PDH	Pancreatic Amylase	
Apolipoprotein CIII	Gamma GT	Phenobarbitol	
Apolipoprotein E	GLDH	Phenytoin	
ASO	Glucose	Phosphorus	
AST (GOT)	Glucose/Fructose	Potassium (Non-Direct)	
Beta-2 Microglobulin	Glutathione Peroxidase (Ransel)	Rheumatoid Factor	
Bile Acids	Glutathione Reductase	sdLDL	
Bilirubin (Direct & Total)	Glycerol	Sodium (Non-Direct)	
Calcium	Haptoglobin	sTfR	
Canine CRP	HbA1c/Hb (Direct)	Superoxide Dismutase (Ransod)	
Carbamazepine	HbA1c/Hb (Indirect)	TIBC	
Chloride (Non-Direct)	HDL Cholesterol (Direct)	Total Antioxidant Status	
Cholesterol	Homocysteine	Total Protein	
Cholinesterase (Butyryl)	Hydroxybutyrate (Ranbut)	Transferrin	
CK-MB	IgA	Transthyretin (Prealbumin)	
CK-NAC	IgE	Triglycerides	
CO <sub>2</sub> Total	IgG	Urea	
Complement Component 3	IgM	Uric Acid	

# GLOBAL REACH. LOCAL SUPPORT

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## INNOVATION AND CUSTOMER CARE ARE BOTH OUR COMMITMENT AND OUR PASSION

With over 40 years' experience, our focus is on providing you with world-class customer service and maintaining excellent relationships with all of our customers. We fully understand the demands and needs of the clinical chemistry laboratory and recognise the importance of maintaining a consistent workflow of high quality results. Our team of trained engineers are on hand to work with you in preserving the continuity of your operations while maximising the potential of your RX series instrument. We know time is critical in any laboratory and our global network means we are uniquely positioned to meet your needs with local service and support.

Maximum uptime is one of the most important considerations in a laboratory setting and we are here to ensure that your analyser experiences as little downtime as possible. We will support your laboratory in providing efficient and effective patient care and are committed to maintaining the integrity of your laboratory through unrivalled support and a genuine understanding of your needs.

We take pride in our analysers, and realise how important they are to your laboratory and to patients. Servicing your RX series analyser is essential in ensuring continuous productivity and maintaining the highest quality of results you come to expect from the RX series clinical chemistry analysers. The quality of laboratory test results is dependent on the performance of your analyser; therefore the importance of servicing and preventative maintenance cannot be overstated. Regular servicing as a preventative measure is one of the best ways to ensure that you get optimal results from your RX series instrument.

Prince Aly Khan Hospital, Mumbai, India

*“We have been associated with Randox for more than 8 years and have two RX imola analysers. We find the RX imola to be of the highest quality and user friendly, with fewer breakdowns compared to other instruments. Also, downtime is minimal. All application and sales personnel are very prompt in their customer service.”*

Suchitra Vaidya, Quality Assurance Manager, Hospital Laboratory

# EXPECT EXCELLENCE

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## OUR PEOPLE

You should expect excellent service every time you make contact with us. That is why we train every member of our team to the highest possible standard to ensure that you receive the highest quality of customer service that you deserve, thus ensuring you enjoy a consistent, helpful and stress-free experience.



## DEDICATED RX SERIES REAGENTS

The RX series has one of the most extensive dedicated test menus on the market, giving biochemistry laboratories the opportunity to advance their routine and niche testing. We ensure all tests are optimised and validated on RX systems for unrivalled performance.



## SPECIALIST OFFERINGS

The RX series test menu goes beyond routine chemistries. At Randox we re-invest significantly in research and development to ensure we meet the ever changing needs of laboratories. As a result, the extensive range of reagents offered in the RX series test menu includes niche tests such as; sdLDL, Lipoprotein(a), Cystatin C, Homocysteine, Copper, D-3-Hydroxybutyrate, G-6-PDH, Non-Esterified Fatty Acids, Total Antioxidant Status and Zinc.

# RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

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Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for over 40 years. Our experience and expertise allow us to create a leading product portfolio of high quality diagnostic tools which offer reliable and rapid diagnosis. We believe that by providing laboratories with the right tools, we can improve healthcare worldwide.

## REAGENTS



Randox offers an extensive range of third-party diagnostic reagents which are internationally recognised as being of the highest quality; producing accurate and precise results. At Randox, we re-invest significantly in R&D to ensure we meet the ever-changing needs of the laboratory. Consequently, Randox offer a range of novel and superior performance assays, including: sdLDL-C, Lipoprotein (a), Copper and Zinc. Applications are available detailing instrument-specific settings for the convenient use of Randox Reagents on numerous clinical chemistry analysers.

## INTERNAL QUALITY CONTROL



Acusera third party quality controls are made using the highest quality material of human origin, ensuring they react like a real patient sample. With more than 390 analytes available across the Acusera range we can uniquely reduce the number of controls required while reducing costs and time. Our product range includes clinical chemistry, immunoassay, urine, immunology and more. Qnostics molecular controls for infectious disease testing are designed to meet the demand of today's molecular diagnostics laboratory while effectively monitoring the entire testing process. Our whole pathogen molecular controls comprise hundreds of characterised viral, bacterial and fungal targets.

## EXTERNAL QUALITY ASSESSMENT



RIQAS is the world's largest international EQA scheme with more than 50,000 participants worldwide. 37 comprehensive, yet flexible programmes cover a wide range of clinical diagnostic testing including chemistry, immunoassay, cardiac, urine, serology and more. Our programmes benefit from a wide range of concentrations, frequent reporting, rapid feedback and user-friendly reports. QCMD, our range of EQA programmes for molecular infectious disease testing, features a whole pathogen matrix making them a true test of patient sample analysis. With access to over 90 programmes including blood borne viruses, respiratory diseases, multi-pathogen infections and more, there is something for every laboratory.

## EVIDENCE SERIES



In 2002, Randox invented the world's first, Biochip Array Technology, offering highly specific tests, coupled to the highly sensitive chemiluminescent detection, providing quantitative results instantly changing the landscape of diagnostic testing forever. The Randox Evidence Series of multi-analyte immunoanalyser's provide an unrivalled increase in patient information per sample offering diagnostic, prognostic and predictive solutions across a variety of disease areas with a highly advanced clinical and toxicology immunoassay test menu including cardiac, diabetes, drugs of abuse, metabolic, renal and stroke markers.

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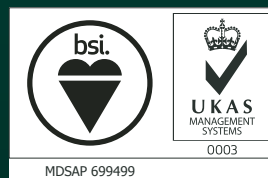


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