

RANDOX

RX SERIES ANALYSER OVERVIEW



EXCELLENCE IN CLINICAL CHEMISTRY TESTING

PRECISION • RELIABILITY • ACCURACY

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RX SERIES

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, drugs of abuse, 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

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

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+



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



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



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 analyser with printer	RX6016
RX misano cuvette incubator	A702-496

To find out more visit 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

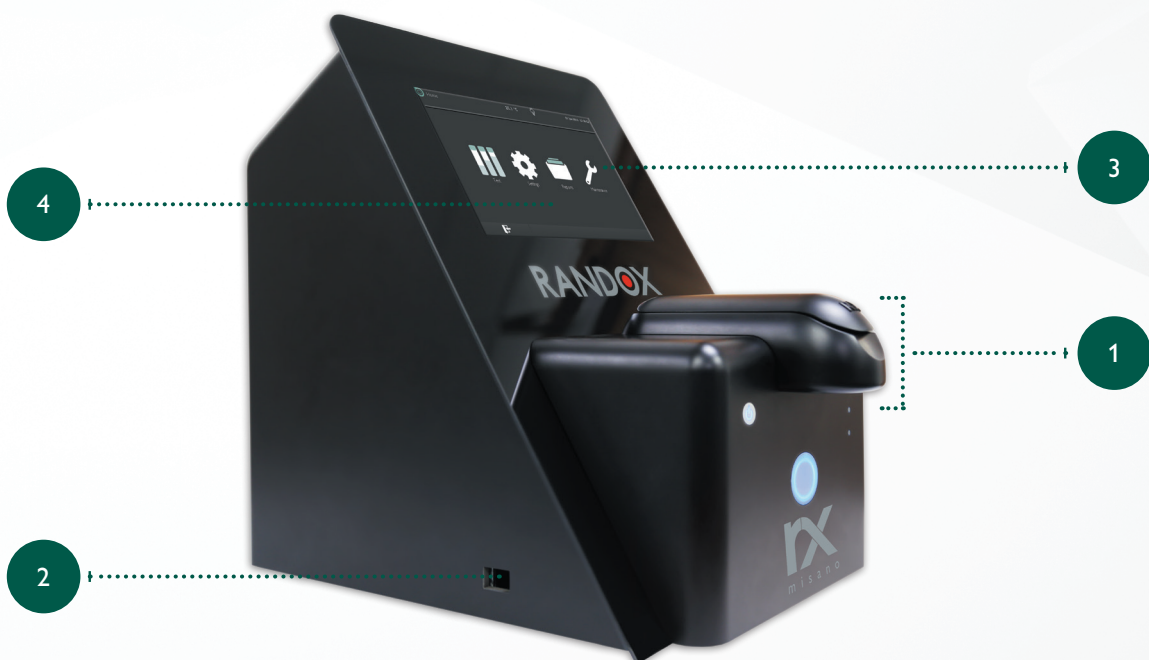
LCD Touch-Screen Display

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

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

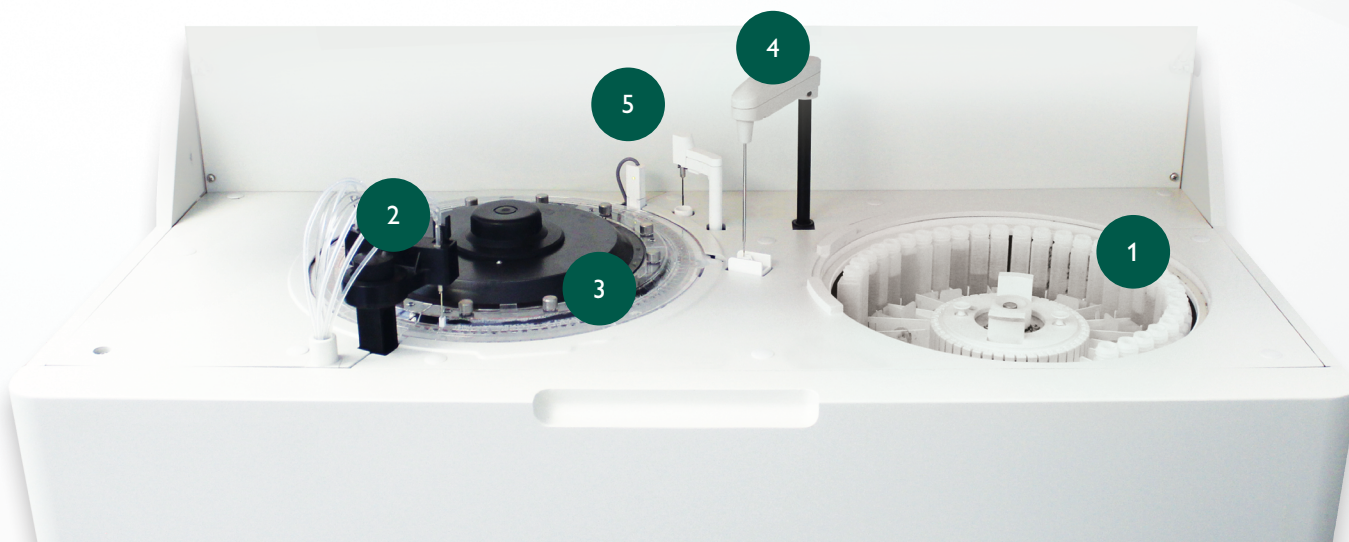
Pipette

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

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

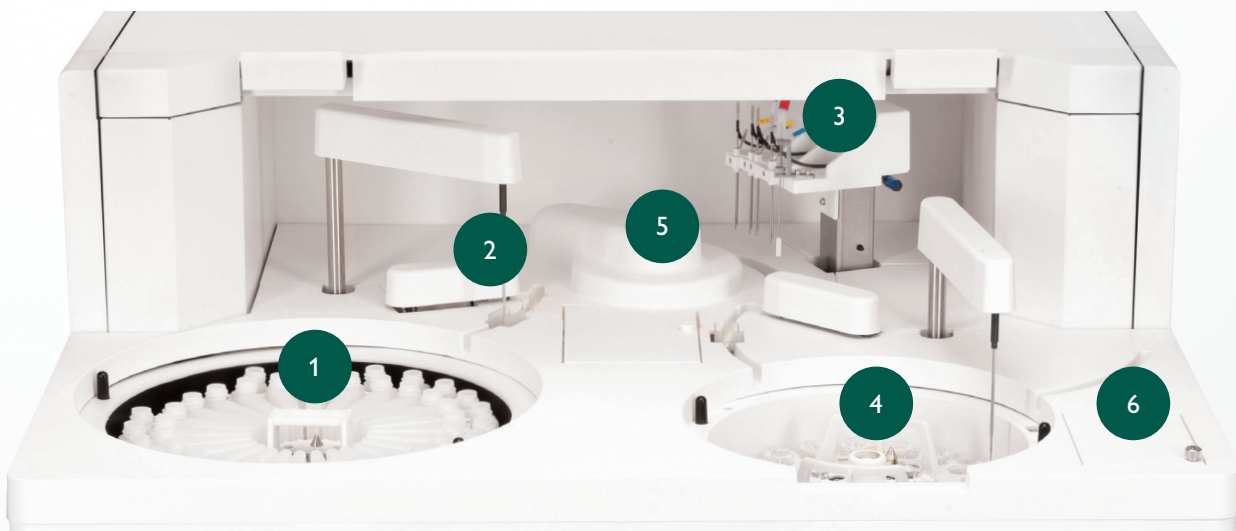
Semi-Permanent Cuvettes

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://www.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

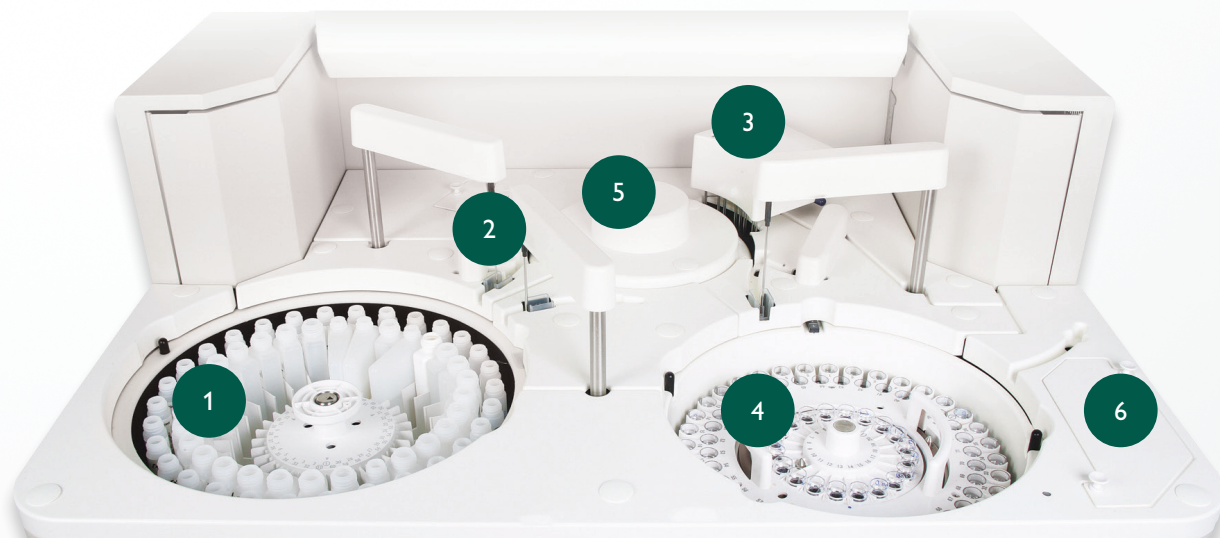
Permanent Cuvettes

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 × 70ml & 50 × 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

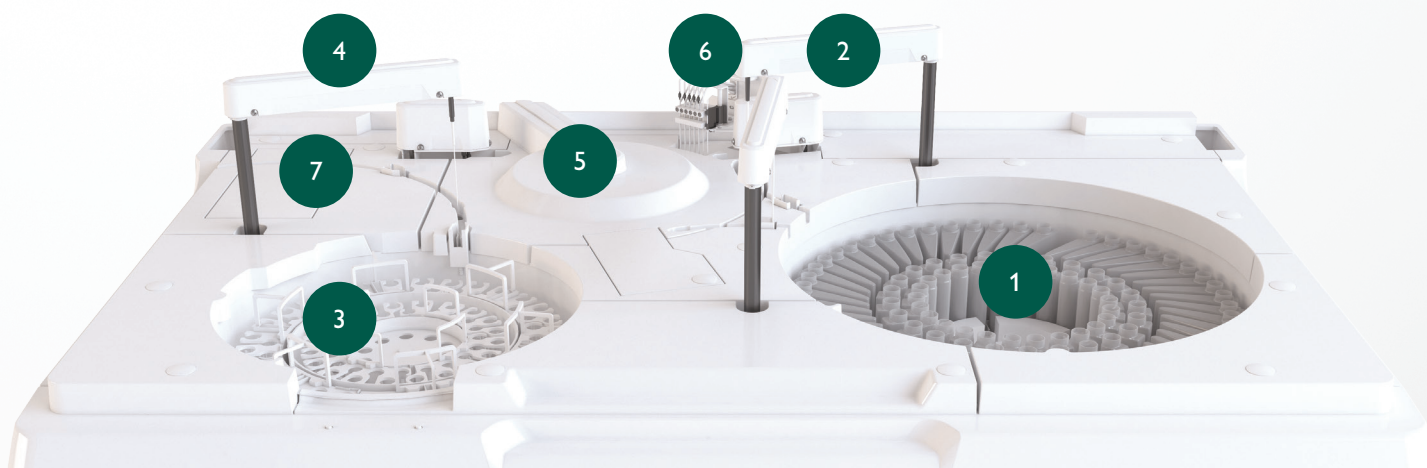
Wash Station

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
CO₂ Total
Chloride
Creatinine
Glucose
Potassium
Sodium
Urea

BONE PROFILE:

Alkaline Phosphatase
Calcium
Phosphorus
Total Protein

CARDIAC:

Adiponectin
Cholesterol
CK -MB
CK -NAC
CRP
CRP Full Range (0.3 -160mg/l)
CRP High Sensitivity
Digoxin
Direct HDL Cholesterol
Direct LDL Cholesterol
HDL2/3 -C
H -FABP
Homocysteine
Lipoprotein (a)
Myoglobin
sdLDL
sPLA₂-IIA
Triglycerides
TxB Cardio

COMPREHENSIVE METABOLIC PROFILE:

Albumin
Alkaline Phosphatase

ALT
AST (GOT)
Direct Bilirubin
Calcium
Chloride
CO₂ Total
Creatinine
Glucose
Lactate
Potassium
Sodium
Total Bilirubin
Total Protein
Urea

DIABETES:

Adiponectin
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)
CO₂ Total
Lithium
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)
LAP
LDH
sTfR
Total Bilirubin
Total Protein
Transferrin
Transthyretin (Prealbumin)

INFLAMMATION AND INFECTION:

ASO
CRP
Lactate
Rheumatoid Factor

LIPIDS:

Apolipoprotein A-I
Apolipoprotein AII
Apolipoprotein B
Apolipoprotein CII
Apolipoprotein CIII
Apolipoprotein E
Cholesterol
Direct HDL Cholesterol
Direct LDL Cholesterol
HDL2/3 -C
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
CO₂ Total
Copper
Creatinine
Canine CRP
CRP
Fructosamine
Gamma-GT
GLDH

Glucose
Glycerol
HDL2/3-C
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:

Carbamazepine
Digoxin
Gentamicin
Lithium

Phenobarbital
Phenytoin
Valproic Acid

DRUGS OF ABUSE:

Amphetamines
Barbiturates
Benzodiazepines
Cannabinoids
Cocaine Metabolite

Ecstasy
EDDP
Ethanol
Methadone
Opiates



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
Myoglobin
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
Lactic acid
Malic acid
NOPA
Potassium
TAS
Total SO₂

BIOTECHNOLOGY:

Glutamate
Glutamine

SPECIALITY:

Acid Phosphatase

THE RX SERIES A-Z TEST MENU



SEMI-AUTOMATED (RX misano)

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

THE RX SERIES A-Z TEST MENU



AUTOMATED

Acetic Acid	Cholesterol	Glutathione Peroxidase (Ransel)	Microalbumin
Acid Phosphatase	Cholinesterase (Butyryl)	Glutathione Reductase	Myoglobin
Adiponectin	CK-MB	Glycerol	NEFA (Non-Esterified Fatty Acids)
Albumin	CK-NAC	Haptoglobin	Opiates
Aldolase	CO ₂ Total	HbA1c/Hb (Direct)	Pancreatic Amylase
Alkaline Phosphatase	Cocaine Metabolite	HbA1c/Hb (Indirect)	Phenobarbitol
ALT (GPT)	Complement Component 3	HDL2/3-C	Phenytoin
Ammonia	Complement Component 4	HDL Cholesterol (Direct)	Phosphorus
Amphetamines	Copper	Heart - Type Fatty Acid Binding Protein (H-FABP)	Potassium (Non-Direct)
Amylase	Creatinine	Homocysteine	Rheumatoid Factor
Apolipoprotein A - I	CRP	Hydroxybutyrate (Ranbut)	sdLDL
Apolipoprotein AII	CRP Full Range (0.3-160mg/l)	IgA	Sodium (Non-Direct)
Apolipoprotein B	CRP High Sensitivity	IgE	sPLA ₂ -IIA
Apolipoprotein CII	Cystatin C	IgG	sTfR
Apolipoprotein CIII	Digoxin	IgM	Superoxide Dismutase (Ransod)
Apolipoprotein E	Ecstasy	Iron	TIBC
ASO	EDDP	Lactate	Total Antioxidant Status
AST (GOT)	Ethanol	LAP	Total Protein
Barbiturates	Ferritin	LDH	Transferrin
Benzodiazepines	Fructosamine	LDL Cholesterol (Direct)	Transthyretin (Prealbumin)
Beta-2 Microglobulin	G-6-PDH	Lipase	Triglycerides
Bile Acids	Gamma GT	Lipoprotein (a)	TxB Cardio
Bilirubin (Direct & Total)	Gentamicin	Lithium	Urea
Calcium	GLDH	L-Lactic Acid	Uric Acid
Canine CRP	Glucose	Magnesium	Urinary Protein
Cannabinoids	Glucose/Fructose	Malic Acid	Valproic Acid
Carbamazepine	Glutamate	Methadone	Zinc
Chloride (Non-Direct)	Glutamine		

GLOBAL REACH. LOCAL SUPPORT

INNOVATION AND CUSTOMER CARE ARE BOTH OUR COMMITMENT AND OUR PASSION

With over 35 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



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), H-FABP, Cystatin C, TxBCardio, HDL2/3-C, Adiponectin, Homocysteine, Copper, D-3-Hydroxybutyrate, G-6-PDH, Non-Esterified Fatty Acids, Total Antioxidant Status and Zinc.

RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for over 35 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), H-FABP, Adiponectin, 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 45,000 participants worldwide. 33 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 and renal markers.

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