

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



**Labcare
de Colombia**
www.labcarecolombia.com

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.





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
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
Gentamicin

Phenobarbital
Phenytoin
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
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



Labcare
de Colombia
www.labcarecolombia.com