

RX daytona clinical analyser

system overview



A REAGENTS

- Removable reagent carousel for 20ml, 50ml and 100ml bottles
- 40 cooled reagent positions (8 to 15°C)
- Automatic barcode reagent identification
- On-board reagent inventory management system
- Dedicated reagent micropipette with liquid level sensor and crash detection

B OPTICAL SYSTEM

- Bichromatic and monochromatic measurements
- Halogen tungsten lamp light source
- Eight fixed filter wavelengths: 340, 415, 510, 546, 570, 600, 660 and 700nm

C CUVETTES

- 45 permanent Pyrex® cuvettes with curved inner surface for efficient mixing and cleaning
- Cuvette performance monitoring and on-board wash station
- Direct heating system maintains a constant temperature of 37°C

D SAMPLES

- Removable sample carousel for multiple tube sizes including primary tubes and paediatric cups
- 40 sample positions for routine samples, calibrators and controls
- Barcode sample identification
- Dedicated micropipette with liquid level sensor and crash detection
- User-defined calibrator and sample pre-dilution, automatic re-assay
- Alerts for haemolysed, icteric or lipaemic/turbid samples

E MULTI-SPEED STIRRING

- Two 3-speed rotating stirrers
- Stirring speed optimised for each assay to give better assay performance

F ISE

- Optional integrated direct ISE unit for sodium, potassium and chloride

G Cuvette Washing System

- Onboard washing station consists of six cuvette washers and a drying block.
- Each cuvette is washed six times utilising two specially formulated wash solutions, which serves to prolong the lifespan of the cuvette.



RX daytona

- Compact fully automated random access benchtop clinical analyser
- 180 photometric tests, 270 ISE tests per hour
- Easy-to-use Windows® based software
- Unrivalled user-defined QC capability
- Labour saving
- Low water usage
- Unique multi-speed stirring
- Lowest service requirements in its class

Randox support

- Comprehensive range of reagents, calibrators and quality controls
- 24/7 quality control software
- RIQAS External Quality Assessment (EQA) programmes
- Technical and engineering support

Test menu

- Routine clinical chemistry
- Specific proteins
- Lipids
- Diabetes
- Cardiac
- Antioxidants
- Therapeutic drug monitoring
- Renal function
- Liver function
- Electrolytes
- Veterinary testing
- Drugs of Abuse

