

Automated biochemistry analyser

# GLOBAL 4500 DR



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## GLOBAL 4500DR / ISE (GLOBAL 7500DR)



### Compact and fast Your new biochemistry analyser

#### Automated biochemistry analyser GLOBAL 4500 DR / ISE (GLOBAL 7500 DR) GLOBAL 4500 DR

- Up to 420 tests/hour
- Optional ISE module : Na, K, Cl, Li (+480 tests/hour)
- Random Access
- 120 independent reagent positions
- 98 positions for samples, controls and standards
- Automatic washing station for cuvettes
- 2 Automatic washing station for probes
- Instant stat function
- 2 arms, 3 syringes

#### Highest Flexibility

- Time to first results: 2 min 20 s only!
- Continuous loading of patients (samples, reagents...)
- Immediate assay of STAT tests
- Opening of samples / reagents compartment causes at any time sampling stop
- Low water consumption (<3L/h in max. use)
- No start and stop procedure
- Always ready to work

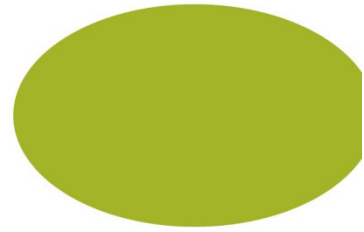
GLOBAL 4500DR /  
ISE (GLOBAL 7500DR)





## Reagents

- 2 reagent trays
- 60 positions for R1
- 60 positions for R2/R3
- Small, medium, large vials or microvolumes
- Permanent cooling of reagent tray
- Reagent level sensor
- Reagent probe collision detector
- Permanent cooling of reagent tray



## Samples

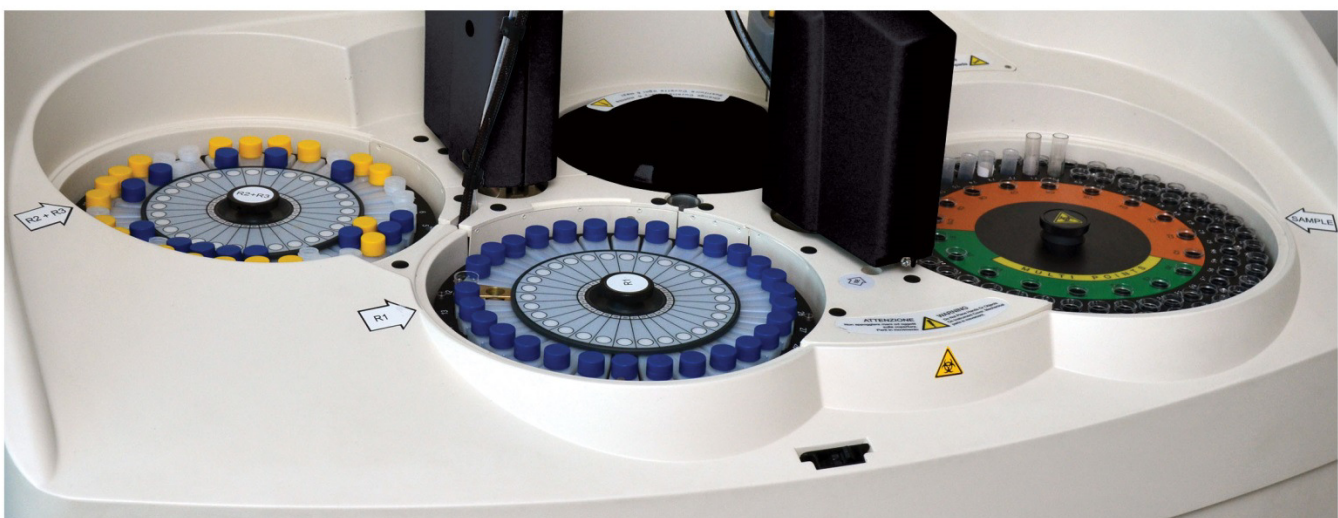
- 80 samples positions
- 10 control positions, 8 standard positions
- Probe driven by 2 precision Hamilton syringes
- Sample level sensor
- Sample probe collision detector
- Permanent probe washing

## Software

- User-friendly ergonomic interface
- Optimized for touch screen
- Analyses: End point, kinetic, Fixed Time, Differential, Sample blank, Multistandard, Bichromatism, Immunoturbidimetry
- Levey-Jennings controls chart
- Westgard rules automatic checks
- Management of incompatibilities between reagents
- Calculated methods
- Daily tests statistics
- Bidirectional LIS communication protocols (xml, csv, real time, ...)

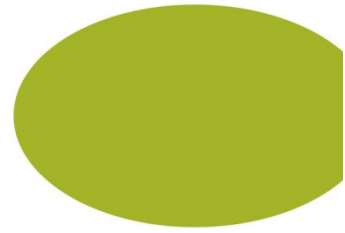
## Optical Group

- Long life halogen lamp
- 9 interferential filters: 340-380-405-450-505-546-570-620-700 nm
- Simultaneous reading on 9 wavelengths
- Optical path: 6 mm
- 50 long-life reading cuvettes
- High performance washing station (3 double + 2 single needles)
- Washing with water and special cleaning solution
- Low water consumption: <3 L/hour in maximal use
- 250 readings every 15 seconds!
- Fiber optic technology



## ● Identification (optional)

- Internal Barcode reader for samples
- Internal Barcode reader for reagents
- 2D External Barcode reader for automatic insertion of calibrators & controls values



## ● 2 arms, both including:

- Probe
- Level sensor (reagents and samples)
- Reagent pre-heating
- Collision detector
- Washing station

## ● Technical features

- Net Dimensions: 100 cm (W), 65 cm (D), 55 cm (H), Net weight: 60 kg
- Gross Dimensions: 119 cm (W), 90 cm (D), 92 cm (H), Gross weight: 95 kg



## ● Technical Service

- Clinical Chemistry specialists answer your technical questions.  
Please contact us for further details.



## GLOBAL 4500 DR / ISE (GLOBAL 7500 DR)



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