

The logo for the A15 analyzer, featuring a stylized 'A' with a circular element around it, followed by the number '15' in a bold, sans-serif font.

A15

RANDOM ACCESS ANALYZER

Clinical Chemistry
Turbidimetry

The BioSystems logo, consisting of the word 'BioSystems' in a white, serif font on a red rectangular background.

BioSystems

REAGENTS & INSTRUMENTS

A15

It is very hard to think about a clinical laboratory without an A-15

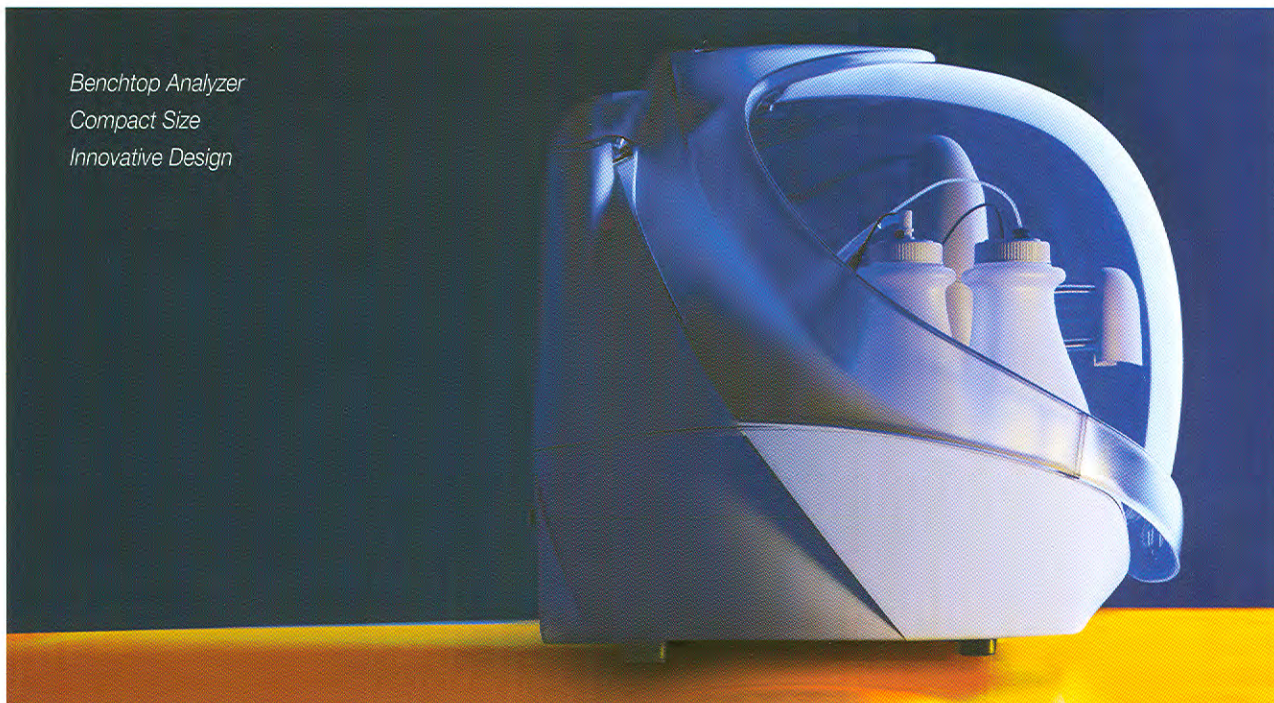
Life evolves and moves from sea to earth. Forms change, become more efficient and they adapt to the new environment in which life progresses. A more competitive environment which demands greater features to reach success.

The A15 Clinical Chemistry and Turbidimetry System is the base on which your laboratory will progress and become more efficient. In the same way that life evolves, A15 adapts to any routine thanks to its many configuration possibilities and easiness of use.



A15 EVERYWHERE

*Benchtop Analyzer
Compact Size
Innovative Design*



A15 means the change in the working method of the basic clinical laboratory, the evolution towards easy and efficient automation.

A15 is the analyzer which every laboratory can and must get. It is an intelligent investment since it is a Random Access analyzer of proven functional robustness, with a great capacity of analysis which optimizes the laboratory resources.

It makes possible to expand the laboratory activity by increasing the test panel and working load capacity since it incorporates Clinical Chemistry and Turbidimetry testing. It is an automatic analyzer with a Random Access working method, which easily adapts to any routine thanks to its many configuration possibilities. The minimized volume per test, low water consumption, minimum maintenance and absence of consumables, optimize the laboratory operative cost.

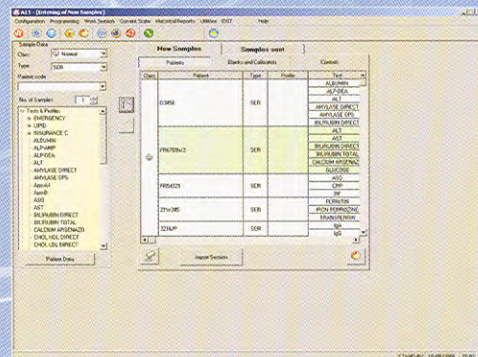
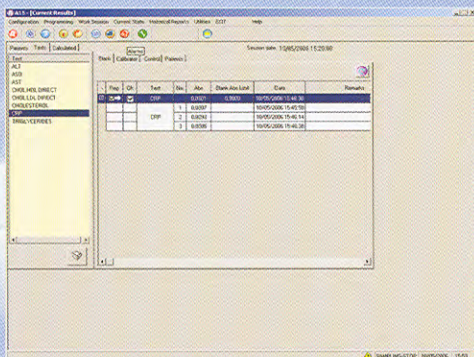
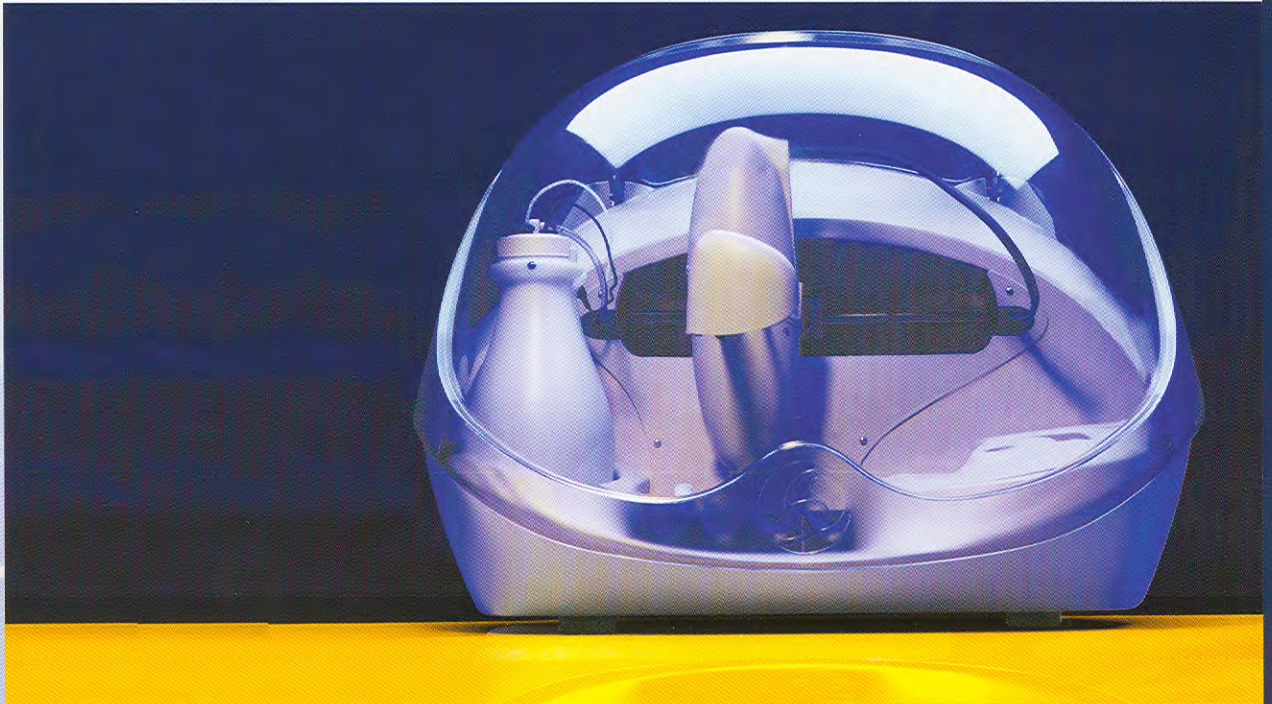


- 3000 mL capacity bottles
- Capacitive control of liquid level
- Low System Liquid consumption < 0.5 L/h



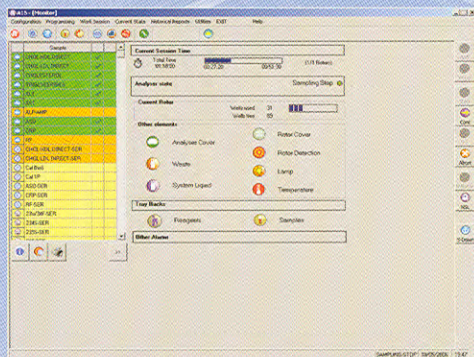
- 4 independent positions for sample and reagent racks
- Loading capacity for 30 reagents and 72 samples
- Primary Tubes and pediatric cups

A15 EVERYWHERE

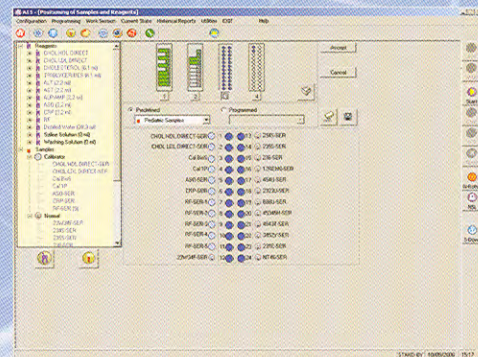


- Results per test, patient or calculated test
- Automatic pre and postdilution (linearity and detection limit)
- Manual repetition of any result
- Alarm messages and remarks

- Continuous sample load
- Unlimited STAT capabilities. Run at any time.
- Add single tests or test profiles
- Patient Database



- Monitor screen with real time information
- Sample status change with colour code
- Alarm management screen
- Automatic Printout of results



- User Friendly graphic interface
- Automatic Tasks through "Auto" buttons
- Use of programmed reagent racks
- Detail of reagent volume required per session

15 Reasons to get an A15 analyzer

- 1 Clinical Chemistry and Turbidimetry System.
- 2 Random Access Technology
- 3 Wide Range of Biochemistry and Turbidimetry dedicated reagents
- 4 Excellent throughput
- 5 Great capacity of reagent and sample loading
- 6 It allows the laboratory to increase the test panel
- 7 Minimum maintenance
- 8 Low water consumption
- 9 No consumables
- 10 Low reagent volume per test. Reduction of laboratory costs.
- 11 Software with multiple configuration and programming possibilities
- 12 Unlimited STAT, pre and post dilution, LIMS connection, primary tubes, Levey-Jennings' graphics...
- 13 Natural adaptation to any laboratory's routine work
- 14 Continuous reagent and sample load without analysis interruption
- 15 Open System

A15 TECHNICAL SPECIFICATIONS

Random Access automatic Analyzer. Photometric reading directly over reaction rotor

• Throughput	150 test/hour
• Positions for racks	4
• Samples per Rack	24
• Max. Number of Samples	72
• Sample Tubes	ø13 mm, ø15 mm (max. height 100 mm) Cups ø13 mm
• Reagents per rack	10
• Max. Number of Reagents	30
• Reagent Bottles	20 mL and 50 mL
• Dispensing TIP	Stainless Steel 110 mm
• Detection Level	Capacitive
• Dosing Pump	Ceramic Piston
• Reagent Volume (Program)	10 µL - 440 µL
• Sample Volume (Program)	3 µL - 40 µL
• Distilled water bottle volume	3000 mL
• Waste bottle volume	3000 mL
• Reusable Methacrylate rotor	
• Number of wells	120
• Reaction volume range	200 µL - 800 µL
• Lightpath	6 mm
• Light source	Halogen lamp 6V, 10W
• Photometric detection system	Silicon photodiode
• Measurement Range	from -0.05 A to 2.5 A
• Filter configuration	340, 405, 505, 535, 560, 600, 635, 670
• Physical Dimensions	840 x 670 x 615 mm (depth x width x height)
• Weight	45 Kg.



BioSystems

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