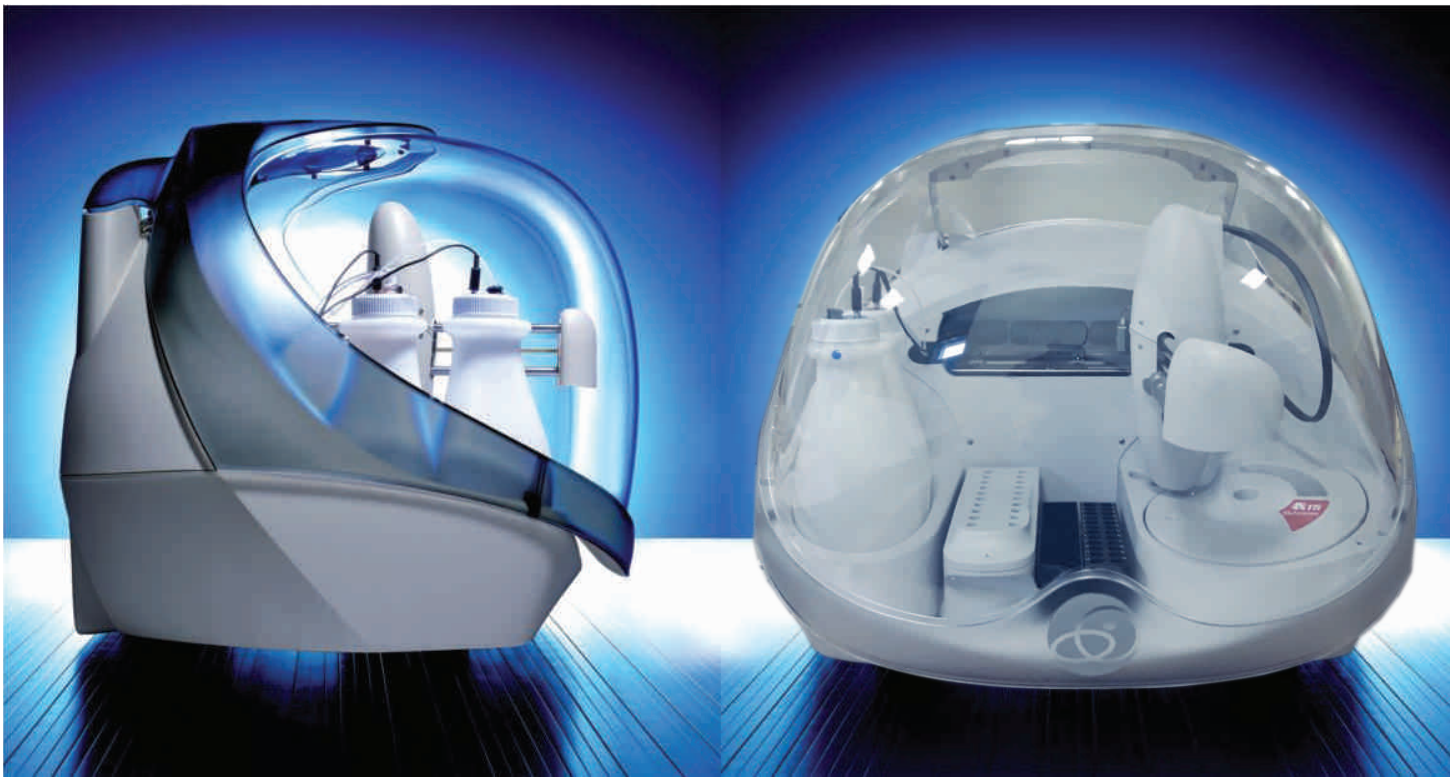
BioSystems
REAGENTS & INSTRUMENTS

RANDOM ACCESS ANALYZER

A 15c

Clinical Chemistry

Turbidimetry



Since its founding in 1981, BioSystems commitment has always been to offer effective, reliable analytical systems to laboratories around the world.

A 15c is a compact and easy to use automatic analyzer, designed especially for small laboratories as their main analyzer offering better the best performance and maximum efficiency. The **A 15c** is easily adaptable to any work routine due to the flexibility in the installation of samples and reagents.

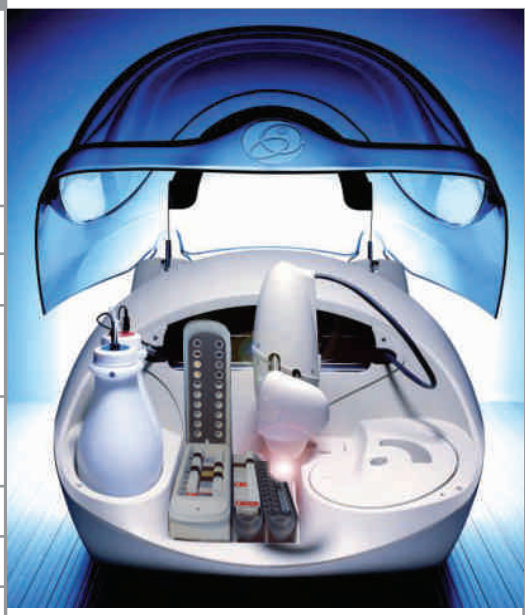
- Throughtput of 150 test / hour
- Good design with high functional robustness
- Open System
- Low water consumption (less than 0.5 L per hour)
- Maximum flexibility in the positioning of samples and reagents (mutual Racks)
- Capacity up to 30 reagents including 20 refrigerator position
- Ability to install together primary tubes and pediatric vials in any position
- Intuitive and easy to follow software, including bidirectional LIS Integration, STAT and Internal Quality Control Management (Levey-Jennings graphs)
- Automatic and configurable management of reagent interference
- Use of dedicated reagents ready to be used without manipulation or transfers



TECHNICAL FEATURES

Random access automatic analyzer aimed at giving IVD results with photometric reading directly in the reaction rotor.

Throughput	150 test/hour
Positions for racks	2 (Reagents or Samples)
Number of samples per sample rack	24 (Racks multipurpose)
Maxim capacity of samples	48 (primary tubs and pediatric vials in the same rack)
Flexibility in type of sample tubes	Ø 13 mm, Ø 15 mm (max heigh: 100 mm), pediatric cups Ø 13 mm
Number of reagents per reagent tack	10
Maxim capacity of reagents	30
Reagents bottles	20 ml and 50 ml
Dispensing tip	Stainless Steel
Level detection	Capacitive
Dosing pump	Ceramic piston of high durability
Reagent volume (program)	10 µL - 440 µL
Sample volume (program)	3 µL - 40 µL
System liquid bottle volume	3000 mL
Waste bottle volume	3000 mL
Washing solution bottle volume	3000 mL
Washing solution bottle volume	120 reaction wells
Reaction volume range (program)	180 µL-800 µL
Lightpath	6 mm
Light source	Halogen lamp 6V, 10 W
Photometric detection system	Silicon photodiode
Measurement range	Free - 0.05 A to 3.0 A
Spectral range	340 nm - 900 nm
Filter configuration	340, 405, 505, 535, 560, 600, 635, 670 nm
Physical dimensions	840 x 670 x 615 mm (depth x wide x height)
Weight	45 kg



CE

A15c

BioSystems, S.A. reserves the right to change specifications of the instrument at any time due to technical improvements.

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