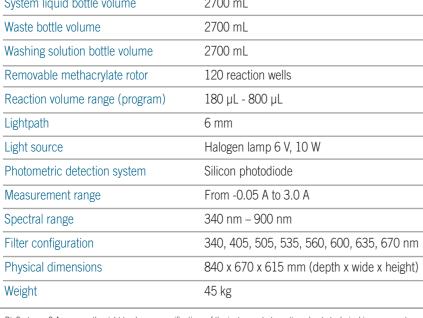
## **TECHNICAL FEATURES**

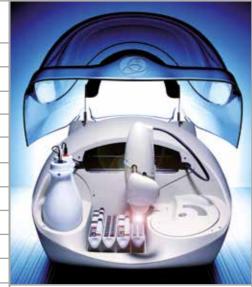
Random access automatic analyzer aimed at giving IVD results with photometric
reading directly in the reaction rotor.

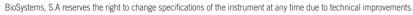
Throughput	150 test/hour
Positions for racks	4 (Regents and samples)
Number of samples per sample rack	24 (Racks multipurpose)
Maxim capacity of samples	72 (primary tubs and pediatric vials in the same rack)
Flexibility in type of sample tubes	ø13 mm, ø15 mm (max height: 100 mm),







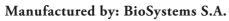












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## JUST A ELEGANT SYSTEM

## DEDICATED REAGENTS



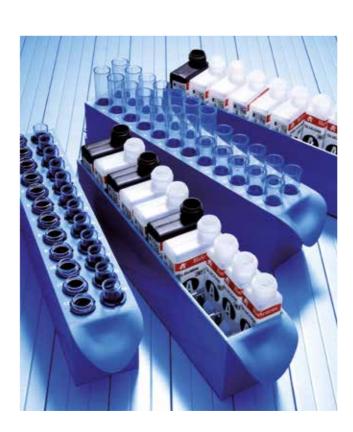
Since its founding in 1981, BioSystems commitment has always been to offer effective, reliable analytical systems to laboratories around the world.

A15 is a compact and easy to use automatic analyzer, designed especially for small laboratories as their main analyzer offering the best performance and maximum efficiency. The A15 is easily adaptable to any work routine due to the flexibility in the installation of samples and reagents.

A15's performance (low water consumption, minimal maintenance, high quality constituents and significant savings in the use of consumables) optimizes the operating cost of the laboratory.

With the automatic analyzer A15, BioSystems provides a complete system using our dedicated reagents for Clinical Chemistry and Turbidimetry designed to achieve the best possible performance.

- Throughput 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)
- Real prozone detection function
- Capacity up to 30 reagents or 72 samples
- 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



Biochemistry						
Cod.	Test	Presentation		mL/Kit		
		R1	R2			
12550	α-Amylase-Direct	5x20 mL		100		
12799	$\alpha$ -Amylase-Pancreatic	1x40 mL	1x10 mL	50		
12754	Adenosine Deaminase (ADA)	4x8 mL	1x10 mL	40		
12533	Alanine Aminotransferase (ALT/GPT)	5x40 mL	5x10 mL	250		
12547	Albumin	5x50 mL		250		
12518	Alkaline Phosphatase (ALP)-AMP	5x16 mL	2x10 mL	100		
12514 12796	Alkaline Phosphatase (ALP)-DEA	5x16 mL	2x10 mL	100		
12531	Angiotensin Converting Enzyme (ACE)	1x50 mL 5x40 ml	5x10 mL	50 250		
12798	Aspartate Aminotransferase (AST/GOT) Bilirubin (Direct)	5x40 mL	5x10 IIIL 5x10 mL	250		
12510	Bilirubin (Total)	5x40 ml	5x10 ml	250		
12570	Calcium-Arsenazo	10x50 mL	JATO IIIL	500		
12513	Calcium-Cresolphthalein	5x40 mL	5x10 mL	250		
12558	Carbon Dioxide (CO <sub>2</sub> )	5x50 mL	0.102	250		
12505	Cholesterol	10x50 mL		500		
12557	Cholesterol HDL Direct	3x20 mL	1x20 mL	80		
12585	Cholesterol LDL Direct	3x20 mL	1x20 mL	80		
11795	Citrate*	1x40 mL	1x10 mL	50		
12524	Creatine Kinase (CK)	3x12 mL	1x10 mL	45		
12566	Creatine Kinase-MB (CK-MB)	3x12 mL	1x10 mL	45		
12502	Creatinine	5x50 mL	5x50 mL	500		
12734 11794	Creatinine-Enzymatic	1x45 mL	1x15 mL	60		
12520	Fructose* γ -Glutamyltransferase (γ-GT)	1x40 mL 5x40 mL	1x10 mL 5x10 mL	50 250		
12503	Glucose	10x50 mL	OXIO IIIL	500		
12756	Glucose-Hexokinase	2x40 ml	2x10 mL	100		
12735	Haemoglobin A1c-Enzymatic (HbA1c-ENZ)	1x50 mL	1x20 mL	70		
12737	Homocysteine	1x40 mL	1x10.8 mL	50.8		
12509	Iron-Ferrozine	5x40 mL	5x10 mL	250		
12736	Lactate	2x40 mL	2x10 mL	100		
12580	Lactate Dehydrogenase (LDH)	5x40 mL	5x10 mL	250		
12793	Lipase	2x20 mL	1x8 mL	48		
12797	Magnesium	5x16 mL	2x10 mL	100		
12508	Phosphorus	3x24 mL	2x15 mL	100		
12500 12501	Protein (Total)	10x50 mL		500		
12551	Protein (Urine+CSF)*	5x50 mL	1x6 ml	250 24		
12528	Total Bile Acids* Triglycerides	1x18 mL 10x50 mL	TXO IIIL	500		
12835	Unsatured Iron Binding Capacity (UIBC)	10x30 mL	1x10 mL	500		
12516	Urea/BUN-UV	5x40 mL	5x10 mL	250		
12521	Uric Acid	10x50 mL	OXIO IIIL	500		
11526	Zinc*	2x20 mL	1x10 mL	50		
	* Standard included					

Turbidimetry					
Cod.	Test	Presentation		mL/Kit	
		R1	R2		
13324	Albumin (Microalbuminuria)	1x40 mL	1x10 mL	50	
13923	Anti-Streptolysin O (ASO)	1x40 mL	1x10 mL	50	
13936	Antithrombin III	1x40 mL	1x10 mL	50	
13084	Complement Component C3	1x50 mL		50	
13085	Complement Component C4	1x50 mL		50	
13921	C-Reactive Protein (CRP)	2x40 mL	2x10 mL	100	
13927	C-Reactive Protein-hs (CRP-hs)	1x40 mL	1x10 mL	50	
13160	Cystatin C	1x45 mL	1x15 mL	60	
13934	Ferritin	1x30 mL	1x15 mL	45	
13600	Fibrinogen	1x40 mL	1x10 mL	50	
13047	Hemoglobin A1C-Direct (Hb A1C-Direct)	1x50 mL	1x10 mL	60	
13044	Hemoglobin A1C-Turbi (Hb A1C-Turbi)	1x40 mL	1x10 mL	50	
13082	Immunoglobulin A (IgA)	1x50 mL		50	
13081	Immunoglobulin G (IgG)	1x50 mL		50	
13083	Immunoglobulin M (IgM)	1x50 mL		50	
13922	Rheumatoid Factors (RF)	1x40 mL	1x10 mL	50	
13091	Transferrin	1x50 mL		50	

BioSystems has developed a wide range of reagents intensively evaluated in different workload conditions and validated to achieve the highest performance in A25 and A15 systems. These systems comply with the requirements of European IVD Directive (98/79/EC) and as a consequence are CE marked. BioSystems recommends their use according to the instructions and applications validated by BioSystems.

