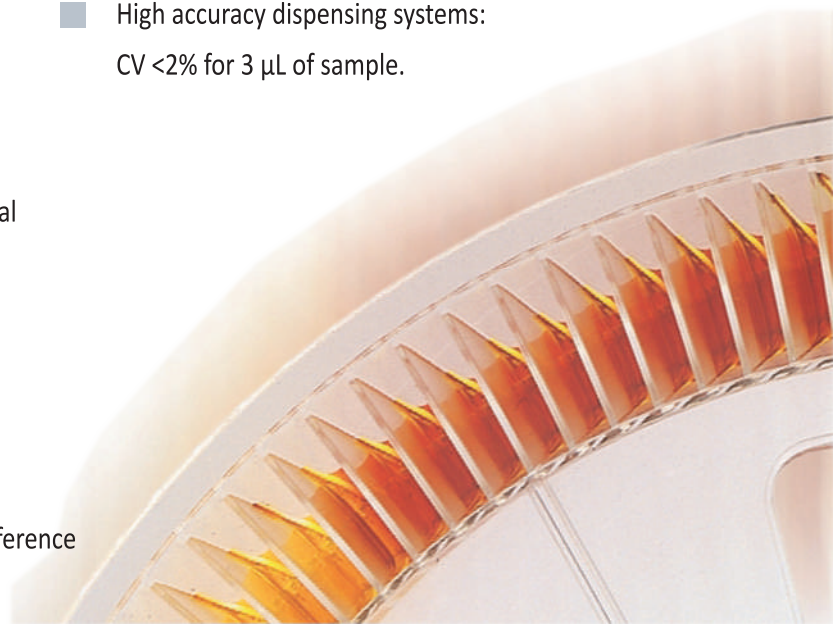




BioSystems offers the **A25** as a complete system that integrates biochemistry and turbidimetry dedicated reagents designed to achieve the highest performance, with reliable and durable mechanic and optics, and Software covering major areas of laboratory management in a simple and intuitive way: a winning combination for your laboratory.

The **A25** stylish and robust design brings the state-of-the-art technology to work in any kind of environment and workload conditions, paying special attention to optimize consumption and minimize maintenance cost.

- Throughput of 240 test/hour
- System capacity for refrigerated reagents up to 30 positions with independent power supply
- Flexibility in positioning of sample and reagents (mutual racks)
- Use of dedicated reagents (without any manipulation or transfer)
- Intuitive and easy to follow software, including bidirectional
- LIS Integration, STAT and Internal Quality Control Management (Levey-Jennings graphs)
- Minimum water consumption: 1.6 L/h.
- Minimum volume in reaction cuvette: 180  $\mu$ L
- Automated daily maintenance and self-check when switching on and switching off the analyzer
- Automatic and configurable management of reagent interference
- Calibrator automatic dilution to prepare the calibration curves
- Automatic pre and post-dilutions of samples
- All conditioning components always installed in the system
- High accuracy dispensing systems: CV <2% for 3  $\mu$ L of sample.



## TECHNICAL FEATURES

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

Throughput	240 test/hour
Positions refrigerated reagents	30 (20 mL y 50 mL)
Positions for racks not refrigerated	3 (racks polyvalent)
Number of samples per rack	24
Maximum capacity of samples	72
Sample tubes	Ø 13 mm, Ø 15 mm (max height: 100 mm), cups Ø 13 mm
Maximum capacity of reagents	52 (30 refrigerated + 22 non refrigerated)
Dispensing tip	Stainless Steel
Level detection	Capacitive
Dosing pump	Ceramic Piston of high durability
Dispensing system precision	CV < 2% with 3 µL of sample
Reagent volume (program)	10 µL - 440 µL
Sample volume (program)	3 µL - 40 µL
System liquid bottle volume	2700 mL
Waste bottle volume	2700 mL
Washing solution bottle volume	2700 mL
Reusable methacrylate rotor	120 reaction wells
Reaction volume range (program)	180 µL - 800 µL
Lightpath	6 mm
Light source	Halogen lamp 12V, 20 W
Photometric detection system	Silicon photodiode
Measurement range	From - 0.5 A to 3.0 A
Spectral range	340 nm - 900 nm
Filter configuration	340, 405, 505, 535, 560, 600, 635, 670 nm
Physical dimensions	1080 x 695 x 510 mm (long x wide x height)
Weight	73 kg (162 lb.)



CE

**A25**

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



**BioSystems Diagnostics Pvt. Ltd.**

A4 - SIPCOT Industrial Park | Irungattukottai | TN - 602 105.  
Ph: +91-44-30341911 | E-mail: [customersupport@biosystems.in](mailto:customersupport@biosystems.in)