



A25

FULLY-AUTOMATED CLINICAL
CHEMISTRY ANALYZER

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Open, Fully-Automated Benchtop Clinical Chemistry Analyzer

A25 is an open fully-automated benchtop clinical chemistry analyzer, cost effective and suitable for any low to mid volume laboratory.

A25 has it's been designed to achieve highest performance with a great robustness and confidence in tests results

Easy-to-use

- liquid and ready to use dedicated reagents
- No manual manipulation.
- intuitive and user-friendly software
- daily low maintenance

Flexible

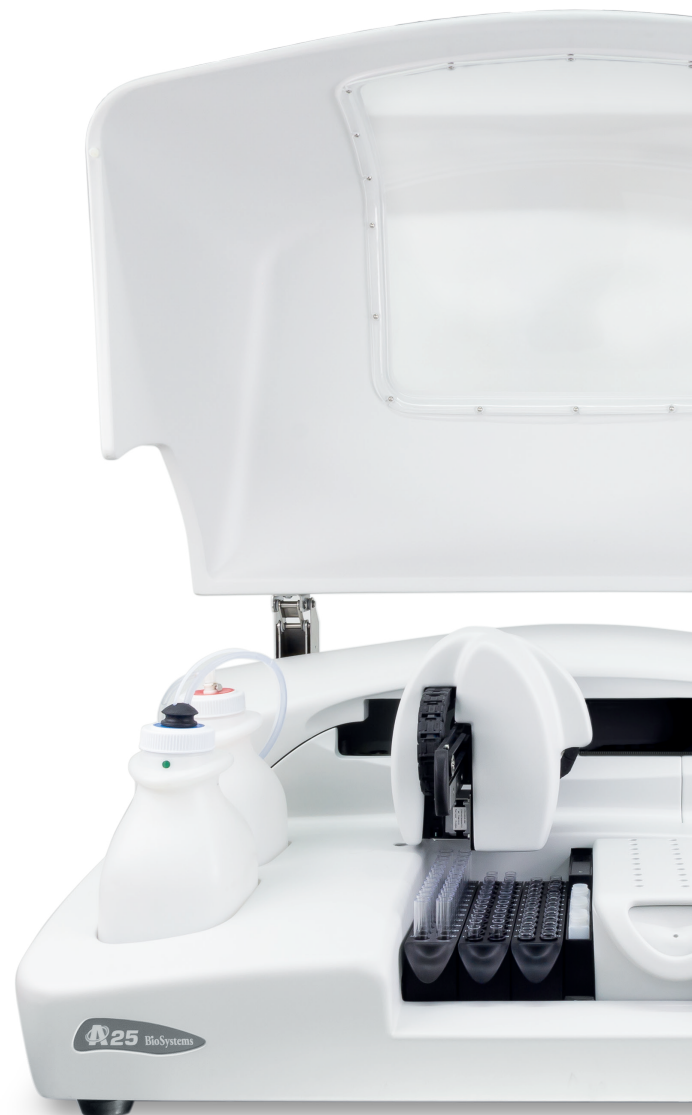
- High flexibility in sample and reagent positioning
- Any kind of sample (serum, plasma, urine, supernatants, seminal plasma, whole blood emergencies).
- Continuous programming and sample loading

Reliable

- Full validated applications to provide with the most accurate results
- High accuracy dispensing system (CV<2% for 3pul of sample)

Efficient

- Full-integral QC management module
- Bidirectional LIS communication
- Low water (<1.2 L/h) consumption



Technical Specifications

Throughput	240 test/hour
Position for refrigerated reagents	30(20 ml & 50 ml)
Position for racks not refrigerated	3 (polyvalent racks)
Number of samples per rack	24
Maximum capacity of samples	72
Sample tubes	Ø13mm, Ø15 mm (max, height 100mm) Cups Ø13mm
Maximum capacity of reagents	50 (30 refrigerated + 20 non refrigerated)
Reagent bottles	20ml and 50 ml
Dispensing tip	Stainless Steel
Level detection	capacitive
Water consumption	<0.5 l/h
Dosing Pump	Ceramic piston of high durability (3µl – 1250µl)
Dispensing system precision	CV <2% with 3µl of sample
Reagent volume	10µl – 440µl
Sample volume	3µl – 40µl
System liquid bottle volume	2700ml (<5ml / preparation)
Removable methacrylate rotor	120 reaction wells
Reaction volume range	180µl – 800µl
light path length	6mm
Digital resolution	<0.0001A
Light source	Halogen lamp 12v,20w
Photometric detection system	Silicon photodiode
Measurement range	From 0.05A to 3.0A
Filter configuration	340, 405, 505, 535, 560, 600, 635, 670 nm (one additional filter can be added by user)
Wavelength precision	±2nm
Physical dimensions	1080 x 695 x 510 mm (width x depth x height)
Weight	70kg (154lb.)

High-quality clinical chemistry and immunoturbidimetric tests .

Code	Test	mL/Kit
12754	Adenosine Deaminase (ADA)	40
12533	Alanine Aminotransferase (ALT/GPT)	250
12547	Albumin	250
13324	Albumin (Microalbuminuria)	50
31928	α -acid glycoprotein	50
12550	α -Amylase-Direct	100
12535	α -Amylase-EPS	40
12799	α -Amylase-Pancreatic	50
12518	Alkaline Phosphatase (ALP)-AMP	100
12514	Alkaline Phosphatase (ALP)-DEA	100
12532	Ammonia	27
12796	Angiotensin Converting Enzyme (ACE)	50
13923	Anti-Streptolysin O (ASO)	50
13936	Antithrombin III	50
31095	Apolipoprotein A1	50
31098	Apolipoprotein B	50
12531	Aspartate Aminotransferase (AST/GOT)	250
12525	β -Hydroxybutyrate	50
31925	β -Microglobulin	50
12504	Bilirubin Direct (DPD)	250
12798	Bilirubin Direct (Sulfanilic)	250
12506	Bilirubin Total (DPD)	250
12510	Bilirubin Total (Sulfanilic)	250
12570	Calcium-Arsenazo	500
12513	Calcium-Cresolphthalein	250
11558	Carbon Dioxide (CO ₂)	50
12505	Cholesterol	500
12557	Cholesterol HDL Direct	80
12585	Cholesterol LDL Direct	80
12588	Cholinesterase	50
11795	Citrate*	50
13084	Complement Component C3	50
13085	Complement Component C4	50
13921	C-Reactive Protein (CRP)	100
13927	C-Reactive Protein-hs (CRP-hs)	50
12524	Creatine Kinase (CK)	45
12566	Creatine Kinase-MB (CK-MB)	45
12502	Creatinine	500
12734	Creatinine-Enzymatic	60
12789	Ethanol	27
13934	Ferritin	45
13600	Fibrinogen	50
11794	Fructose*	50
12520	γ -Glutamyltransferase (γ -GT)	250
12503	Glucose	500
12756	Glucose-Hexokinase	100
13047	Hemoglobin A1C-Direct (Hb A1C-Direct)	60
12737	Homocysteine	50,8
13082	Immunoglobulin A (IgA)	50
13081	Immunoglobulin G (IgG)	50
13083	Immunoglobulin M (IgM)	50

Code	Test	mL/Kit
12509	Iron-Ferrozine	250
13216	Kappa (Free+bound chains)	50
12736	Lactate	100
12580	Lactate Dehydrogenase (LDH)	250
12586	Lactate Dehydrogenase (LDH-IFCC)	50
13217	Lambda (Free+bound chains)	50
12793	Lipase	48
12797	Magnesium	100
12539	Oxalate*	25
12508	Phosphorus	100
31929	Prealbumin	50
12500	Protein (Total)	500
12501	Protein (Urine+CSF)	250
13922	Rheumatoid Factors (RF)	50
12551	Total Bile Acids*	24
13091	Transferrin	50
12528	Triglycerides	500
12835	Unsaturated Iron Binding Capacity (UIBC)	50
12516	Urea/BUN-UV	250
12521	Uric Acid	500
12526	Zinc*	50

*Standard included



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