

ACE Axcel™ Clinical Chemistry System

Test Menu

Cardiovascular Risk Assessment

Apolipoprotein A1*	Low Density Lipoprotein Cholesterol
Apolipoprotein B*	Lipoprotein-a*
Cholesterol	Triglycerides
High Density Lipoprotein Cholesterol	

Diabetes

Glucose	Microalbumin*
Hemoglobin A1c	

Anemia Assessment

Ferritin	TIBC, Direct
Iron	Transferrin*

Enzyme Assays

Alanine Aminotransferase	Creatine Kinase
Alkaline Phosphatase	Gamma-Glutamyl Transferase
Amylase	Lactate Dehydrogenase
Aspartate Aminotransferase	Lipase

Routine Chemistry Assays

Albumin	Creatinine
Bilirubin, Direct	Inorganic Phosphorous
Bilirubin, Total	Magnesium
Blood Urea Nitrogen	Total Protein
Calcium Arsenazo	Uric Acid
Carbon Dioxide	

Electrolyte Assays

Chloride	Sodium
Potassium	

Thyroid Assays

T-Uptake	Total Thyroxine
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*Under development

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ALFA WASSERMANN
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ACE Axcel™ Clinical Chemistry System

Technical Specifications

Operative Method: Random access, Continuous Random Access

Type: Discrete

Assay Method: Photometry, Potentiometry, Turbidimetric/Homogeneous EIA

Assay Types: Final Point, Delta (two-point), Slope (factor or calibrated), Quadratic

ISE Module: Sodium, Potassium, Chloride

Test Modes: Batch, STAT

Number of Different Assays Measured Onboard Simultaneously: 40

Speed: Up to 165 Photometric Tests/Hour; 285/hour (with ISE)

Sample Rerun and Dilution: Automatic

Calibration and Controls: Automatic

Reagent Compartment Capacity: 40 Bottles (20 with 30 mL capacity; 20 with 12 mL capacity)

Barcode Type: Uniform Symbology Specification 39, Code 128 Set B and Set C, Codabar and Interleaved 2 of 5

Sample Volume: 3 μ L (minimum) - 500 μ L (maximum)

Dimensions: 33 x 28 x 26 (height x length x depth)

Weight: 178 Pounds

Computer Processor: Panel PC with Intel Atom 1.6 GHZ CPU/1 GB DDR3 SRAM

Hard Disk Drive: 80 GB

Monitor: 15" XGA with Resistive Touch Screen

Interface: RS232

Internet Connection: RJ-45 Gigabit Ethernet; 802-11 b/g Wireless

Printer: Black and White Laser Printer

Keyboard Type: 103 Key Wireless with Trackball

Error Messages: On Screen

Type: Holographic Diffraction Grating with Diode Array Detector

Linear Range: 0.0000–2.0000 O.D. at 0.67 cm Pathlength

Lamp: Pulsed Xenon

Wavelengths: 340, 378, 408, 447, 486, 505, 515, 525, 544, 554, 573, 592, 610, 629, 647, 692 nm

Pathlength: 0.67 cm

Noise (decibels): 55

Ambient Room Temperature: 15 °C (59 °F) to 26.7 °C (80 °F)

Humidity: 20 to 80% RH (non-condensing)

Analytical Temperature: 37 °C \pm 0.3 °C

Reagent Compartment Temperature: 8 °C \pm 1 °C at the Reagent Sensor

Voltage: 100-240 VAC 6 Amps Max – Analyzer; 120 VAC 8 Amps Max – Printer

Current: 20 Amp Circuit Required

Frequency: 47-63 Hz

**For more information or to schedule a demo,
please call 1-800-220-4488.**