

ACE Axcel[®] Clinical Chemistry System

Test Menu

Cardiovascular Risk Assessment

Cholesterol

High Density Lipoprotein Cholesterol

Low Density Lipoprotein Cholesterol

Triglycerides

Diabetes

Glucose

Hemoglobin A1c

Anemia Assessment

Ferritin

Iron

TIBC, Direct

Enzyme Assays

Alanine Aminotransferase

Alkaline Phosphatase

Amylase

Aspartate Aminotransferase

Creatine Kinase

Gamma-Glutamyl Transferase

Lactate Dehydrogenase

Lipase

Routine Chemistry Assays

Albumin

Bilirubin, Direct

Bilirubin, Total

Blood Urea Nitrogen

Calcium

Carbon Dioxide

Creatinine

Inorganic Phosphorous

Magnesium

Total Protein

Uric Acid

Electrolyte Assays

Chloride

Potassium

Sodium

Thyroid Assays

Total Thyroxine (T4)

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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

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.**