

ACE AXCEL® CLINICAL CHEMISTRY SYSTEM TEST MENU

Reagents are available to run the following assays:

Cardiovascular Risk Assessment

Cholesterol (CHOL)
High Density Lipoprotein Cholesterol (HDL-C)
Low Density Lipoprotein Cholesterol (LDL-C)
Triglycerides (TRIG)

Diabetes

Glucose (GLU)
Hemoglobin A1c (A1c)

Anemia Assessment

Direct TIBC (TIBC)
Ferritin (FERITN)
Iron (TIRON)

Enzyme Assays

Alanine Aminotransferase (ALT)
Alkaline Phosphatase (ALP)
Amylase (AMYL)
Aspartate Aminotransferase (AST)
Creatine Kinase (CK)
Gamma-Glutamyl Transferase (GGT)
Lactate Dehydrogenase (LDH)
Lipase (LIP)

Additional assays are available via open channels.

*Derived tests

**For veterinary and research/
investigational use only.

Not for use in diagnostic procedures.

Routine Chemistry Assays

Albumin (ALB)
Albumin/Globulin (ALB/GLOB)*
Blood Urea Nitrogen (BUN)
Blood Urea Nitrogen/Creatinine (BUN/CREAT)*
Calcium (Ca++)
Carbon Dioxide (CO₂)
Creatinine (CREAT)
Direct Bilirubin (DBILI)
Globulin (Total Protein-Albumin) (GLOB)*
Inorganic Phosphorous (PHOS)
Magnesium (Mg++)
Total Bilirubin (TBILI)
Total Protein (TP)
Uric Acid (UA)

Electrolyte Assays

Chloride (Cl-)
Potassium (K+)
Sodium (Na+)
Sodium/Potassium (Na+/K+)*

Thyroid Assay

Total Thyroxine (T4)

Specialty Assays

Bile Acids (BILEAC)**

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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 Tests/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" (H x L x D)

Weight: 178 Pounds

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

Computer Processor: Panel PC with Intel
J1900 CPU, 2 GB memory

Solid State Disk Drive: 32 GB

Monitor: 15" XGA with Resistive Touch
Screen

Operating System: Windows 7 Embedded

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
12°C \pm 2°C for reagent bottles

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

Current: 20 Amp Circuit Required

Frequency: 47-63 Hz