

ACE AXCEL[®] CLINICAL CHEMISTRY SYSTEM TEST MENU

Reagents are available to run the following assays:

Cardiovascular Risk Assessment

Apolipoprotein A1 (ApoA)**
Apolipoprotein B (ApoB)**
Cholesterol (CHOL)
High Density Lipoprotein Cholesterol (HDL-C)
Lipoprotein(a) (Lp(a))**
Low Density Lipoprotein Cholesterol (LDL-C)
Triglycerides (TRIG)

Diabetes

Glucose (GLU)
Hemoglobin A1c (A1c)

Anemia Assessment

Direct TIBC (TIBC)
Ferritin (FERITN)
Iron (TIRON)
Transferrin (TF)**

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

**User validated applications

***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

Ammonia (AMMN)***
Bile Acids (BILEAC)***
Fructosamine (FRUCT)***
Lactate (LACT)***
Microalbumin (MALB)***
Phenobarbital (PHENO)***

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