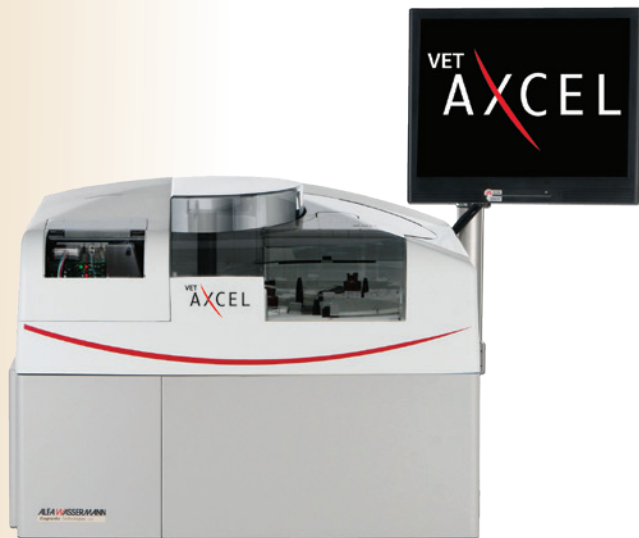


# The Vet Axcel<sup>®</sup> Chemistry Analyzer

- Flexible, open reagent system
- Cost effective, liquid assays
- Fast, accurate results



**ALFA WASSERMANN**  
Diagnostic Technologies, LLC



# Vet Axcel® Chemistry Analyzer...

*To Meet Your Veterinary Practice Needs*

In today's competitive environment, diagnostic testing must be conducted economically, with accuracy and speed. To help maximize your success, Alfa Wassermann offers affordable, liquid ready-to-use reagents.

With touch screen functionality, an intuitive user interface, and Internet connectivity, the Vet Axcel offers the latest advances to make in-office laboratory testing fast, convenient, and cost-effective.



The Vet Axcel's comprehensive menu of liquid ready reagents offers a cost effective alternative to dry chemistry.

**Provide your patients with the best possible care. With the Vet Axcel, you get fast and accurate results while improving your bottom line.**



## Better for Patients

- Fast – Performs 285 tests/hour
- Reliable Results – Avoid sample loss or deterioration caused by transportation to an off-site lab.
- Convenient – On-site testing allows for blood work on the day of surgery or while clients wait.

## Better for Business

- Liquid ready reagents offer an inexpensive alternative to dry chemistry.
- Perform single or panel tests from extensive test menu. Open reagent system enables custom assays.
- Connect to most Practice Management Systems.

## Better for Lab Personnel

- Intuitive software and comprehensive user training.
- Maximum instrument uptime with Alfa Assist™, offering web-enabled technical support 24/7.
- Award-winning service – Alfa Wassermann, a proven provider of excellent customer satisfaction.

# Smart Tool. Smart Lab.

Run your veterinary practice more efficiently, more economically – and more intelligently – with the Vet Axcel. The third generation system improves both patient care and your bottom line.

## Adaptable Diagnostic Platform

- Liquid, ready-to-use reagents offer freedom from the restrictions of dry chemistry
- Open channels allow your laboratory to add assays to meet specific needs
- Single or panel tests run in any order, at any time
- Processes 15 patient samples per hour

## Cost Effective, Liquid Reagent System

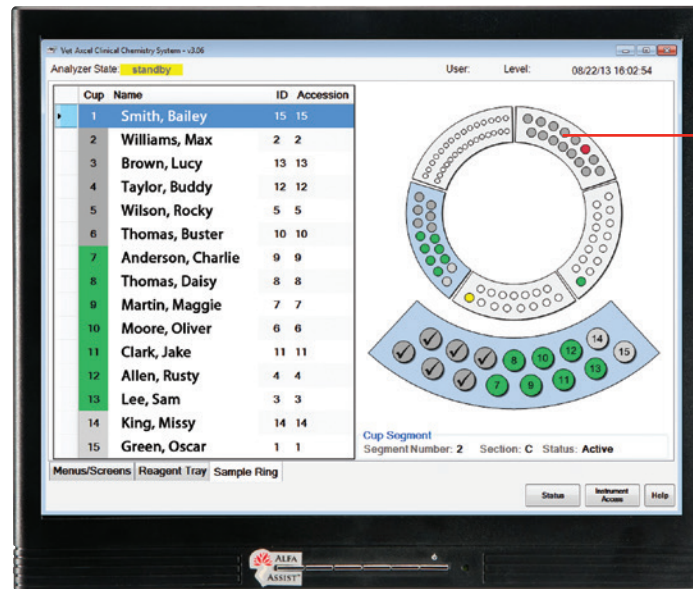
- Single tests or panel testing with easy re-runs and true STAT capability
- Automatic reagent inventory management
- On-board refrigeration keeps reagents stable

## Self-Contained, Compact Design

- Small instrument footprint (28 x 26)
- Up to 40 separate reagent bottles can be stored on-board
- Automatic dilutions on out-of-range samples
- Integrated on-board electrolytes save space and time

## Fast and Accurate Diagnostics

- Reference lab quality
- Utilizes disposable cuvettes to minimize carryover
- 16 detection wavelengths to optimize test parameters
- Set reference ranges for up to 15 species



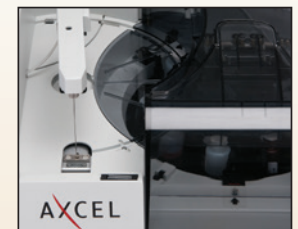
## Touch Screen Technology

The touch screen monitor allows users to quickly and easily navigate the Vet Axcel. Instrument operation takes just the touch of a finger.



## Simplify with STEP

Closed-tube sampling with the STEP module minimizes operator interaction with the sample, streamlining workflow.





## Over A Decade of Award-Winning Customer Service

We take pride in providing the highest level of customer service. **We listen. We care. And it shows.**

Your Alfa Wassermann team includes a nationwide network of company-trained engineers and support personnel who provide 24/7 technical support. We bring more than 35 years of manufacturing and service excellence to build and support market-leading chemistry analyzers.

Now, through Alfa Assist™, we enhance your user experience with:

- Web-enabled, 24/7 technical support
- Helping to ensure maximum instrument uptime
- Facilitating proactive, consultative support and educational services



*For more information or to schedule a demo, please call 800-220-4488 or visit [www.VetChemistry.com](http://www.VetChemistry.com).*

### Alfa Wassermann Diagnostic Technologies

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# Alfa Wassermann Diagnostic Technologies Veterinary Chemistry Analyzers Test Menu

Reagents are available to run the following assays

## Routine Chemistry Assays

Albumin (ALB)  
Albumin / Globulin (ALB / GLOB)  
Bilirubin, Total (TBILI)  
Blood Urea Nitrogen (BUN)  
Blood Urea Nitrogen / Creatinine  
(BUN / CREA)  
Calcium (CA)  
Carbon Dioxide (CO<sub>2</sub>)  
Creatinine (CREAT)  
Globulin (GLOB)  
Glucose (GLU)  
Magnesium (MG)  
Phosphorous (PHOS)  
Total Protein (TP)  
Uric Acid (UA)

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## 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 available  
via open channels.**

## Specialty Assays

Ferritin  
Hemoglobin A1c  
Iron  
Microalbumin

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## Lipid Assays

Cholesterol (CHOL)  
Triglycerides (TRIG)

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## Thyroid Assays

Total Thyroxine (T4)

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## Electrolyte Assays

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



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**ALFA WASSERMANN**  
Diagnostic Technologies, LLC

# Vet Axcel™ Chemistry Analyzer

## 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  $\mu$ L (minimum) –  
500  $\mu$ L (maximum)

**Dimensions:** 33 x 28 x 26 (H x L x D)

**Weight:** 178 Pounds

**Computer Processor:** Panel PC with Intel  
Atom 1.6 GHz CPU/1 GB DDR2 SRAM

**Hard Disk Drive:** 80 GB

**Monitor:** 15" XGA with Resistive Touch Screen

**Interface:** RS232

**Internet Connection:** RJ45 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

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