First-Class Support...
We listen. We care.

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.

The Vet Axcel® Chemistry Analyzer

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

Diagnose and Make Treatment Decisions in a Single Visit

For over a decade, Alfa Wassermann has received the NorthFace Scoreboard Award for Excellence in Customer Satisfaction. An objective benchmark for service and support, the NorthFace Award represents the true voice of the customer.

Alfa Wassermann Diagnostic Technologies
4 Henderson Drive, West Caldwell, NJ 07006
Tel 800-220-4488
www.VetChemistry.com
info@VetChemistry.com

SM546 Rev 3 215
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.

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.

Better for Patients
To Meet Your Veterinary Practice Needs

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 Business

Smart Tool. Smart Lab.

But your veterinary practice can be 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 architecture allows flexibility to add assays to meet specific needs.
• Single or panel tests 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.

Simplify with STEP
Closed tube sampling with the STEP module minimizes operator interaction with the samples, streamlining workflow.

Touch Screen Technology
The touch screen monitor allows users to quickly and easily navigate the Vet Axcel. Instrument operations take just the touch of a finger.
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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 (CO₂)
- Creatinine (CREAT)
- Globulin (GLOB)
- Glucose (GLU)
- Magnesium (MG)
- Phosphorous (PHOS)
- Total Protein (TP)
- Uric Acid (UA)

**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)

**Specialty Assays**
- Ferritin
- Hemoglobin A₁c
- Iron
- Microalbumin

**Lipid Assays**
- Cholesterol (CHOL)
- Triglycerides (TRIG)

**Thyroid Assays**
- Total Thyroxine (T4)

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

Additional assays available via open channels.
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 μL (minimum) – 500 μL (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 ± 0.3°C
Reagent Compartment Temperature: 8°C ± 1°C at the reagent sensor 12°C ± 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

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