

# ACE Alera®

## Technical Specifications

<b>Operative Method:</b>	Random Access, Continuous Random Access
<b>Type:</b>	Discrete
<b>Assay Method:</b>	Photometry, Potentiometry, Turbidimetric/Homogeneous EIA
<b>Assay Types:</b>	Final Point, Delta (two-point), Slope (factor or calibrated), Quadratic
<b>ISE Module:</b>	Sodium, Potassium, Chloride
<b>Test Modes:</b>	Batch, STAT
<b>Number of Different Assays Measured Onboard Simultaneously:</b>	40
<b>Number of Different Assays Programmed, Calibrated at Once:</b>	200
<b>Speed:</b>	Up to 165 Photometric Tests/Hour; 285/hour (with ISE)
<b>Sample Rerun and Dilution:</b>	Automatic
<b>Calibration and Controls:</b>	Automatic
<b>Reagent Compartment Capacity:</b>	40 Bottles (20 with 30 mL capacity; 20 with 12 mL capacity)
<b>Barcode Type:</b>	Uniform Symbology Specification 39, Code 128 Set B and Set C, Codabar and Interleaved 2 of 5
<b>Sample Volume:</b>	3 µL (minimum) - 500 µL (maximum)
<b>Dimensions:</b>	23 x 27.5 x 22.5/4.3 sq ft
<b>Weight:</b>	145 Pounds
<b>User Interface</b>	
<b>Computer Processor:</b>	IBM-compatible PC
<b>Hard Disk Drive:</b>	40 GB
<b>Monitor:</b>	LCD (Type: 12.1 in. TFT Active matrix panel; Resolution: SVGA 800 pixels by 600 pixels)
<b>Interface:</b>	RS232
<b>Printer:</b>	Okidata B4600 Laser
<b>Keyboard Type:</b>	83 Key
<b>Error messages:</b>	On Screen
<b>Optical System</b>	
<b>Type:</b>	Holographic Diffraction Grating with Diode Array Detector
<b>Linear Range:</b>	0.0000–2.0000 O.D. at 0.67 cm Pathlength
<b>Lamp:</b>	Pulsed Xenon
<b>Wavelengths:</b>	340, 378, 408, 447, 486, 505, 515, 525, 544, 554, 573, 592, 610, 629, 647, 692 nm
<b>Pathlength:</b>	0.67 cm
<b>Noise (decibels):</b>	55
<b>Environmental</b>	
<b>Ambient Room Temperature:</b>	15°C (59°F) to 32°C (89.6°F)
<b>Humidity:</b>	20 to 80% RH (non-condensing)
<b>Analytical Temperature:</b>	37°C ± 0.3°C
<b>Reagent Compartment Temperature:</b>	8°C ± 1°C at the Reagent Sensor
<b>Power Supply</b>	
<b>Voltage:</b>	100-240 VAC 6 Amps Max – Analyzer; 120 VAC 8 Amps Max – Printer
<b>Current:</b>	20 Amp Circuit Required
<b>Frequency:</b>	47-63 Hz

ACE Alera® is a registered trademark of Alfa Wassermann, Inc.

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610-1383 Rev 7 4/10

# ACE Alera®

## CLINICAL CHEMISTRY SYSTEM

Reliable. Accurate. Alfa Wassermann.  
Count On Us For Results.



With Alfa Wassermann's Alfa for Life program, a purchase is not just a purchase - it is the beginning of a partnership that provides you with a network of products, services, and customer assistance that allows you and your business to flourish.

The ACE Alera can assist you in fighting today's most prevalent diseases, including Diabetes, Heart Disease, and Metabolic Syndrome. The Alera offers panel testing for each of these diseases, making it easy for you to monitor and diagnose your patients in the same visit, and take better control of your patients' care.

**Features today's most efficient operating system**

- Closed tube sampling with Rapid Tube Input (RTI)
- Dot coded reagent bottles
- On-board reagent refrigeration
- Integrated ISE system
- STAT test interrupt access
- Open channel capabilities
- Holds up to 1,000 patient records

**Profit stays in the practice**

- No need for outside labs

**Cost effective reagent platform**

- Liquid stable, ready to use reagents
- Automatic inventory management
- 30 Day on board (for most)
- 30 Day calibration (for most)

**Smart design**

- Small footprint (27.5 x 22.5 inches)

**Self contained system**

- Requires no dedicated water or waste connection

**Accuracy**

- Utilizes disposable cuvettes which ensures accuracy and no crossover
- 16 wavelengths allowing for a wider choice when programming test parameters

**Integrated bar code scanner option**

- Minimizes patient identification errors
- Integrated scanner simplifies specimen loading to a single-handed operation



Consecutive eight year winner of the Omega NorthFace Award

**Customer Service Promise:**

Professional customer service and true 24/7 technical support, meeting and exceeding customer expectations.

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