

ACE Alera[®]

CLINICAL CHEMISTRY SYSTEM

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



innovación
tecnológica
para
laboratorio

Rafer



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.

ALFA WASSERMANN

Diagnostic Technologies

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

- Ready to use reagents
- Automatic inventory management
- 30 Day on board (for most)
- 30 Day calibration (for most)



Smart design

- Small footprint WxD; (27.5 x 22.5 inches / 70 x 58 cm)

Self contained system

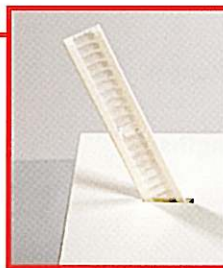
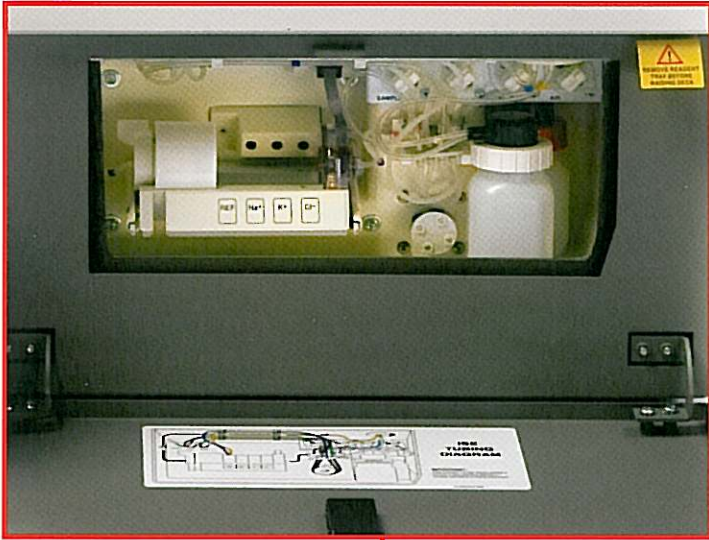
- Requires no dedicated water or waste connection

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 six year winner of the Omega NorthFace Award

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ACE Alera®

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. (Optional)
Test Modes:	Random Access, STAT
Number of Different Assays Measured Onboard Simultaneously:	40
Number of Different Assays Programmed, Calibrated at Once:	200
Speed:	Up to 165 Photometric Tests/Hr; Up to 120 ISE Tests/Hr.
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 HxWxD:	23 x 27,5 x 22,5 inches / 60 x 70 x 58 cm
Weight:	145 Pounds / 60 kg

User Interface

Computer Processor:	IBM-compatible PC
Hard Disk Drive:	40 GB
Monitor:	LCD (Type: 12.1 in. TFT Active matrix panel; Resolution: SVGA 800 pixels by 600 pixels)
Interface:	RS232
Printer:	Okidata B4600 Laser
Keyboard Type:	83 Key
Error messages:	On Screen

Optical System

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

Environmental

Ambient Room Temperature:	15°C (59°F) to 32°C (89.6°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

Power Supply

Voltage:	100-240 VAC 6 Amps Max – Analyzer; 120 VAC 8 Amps Max – Printer
Current:	20 Amp Circuit Required
Frequency:	47-63 Hz

