

ASI Infinity™

Automated EIA Analyzer



Programmable Open System

- Performs ELISA's from various manufacturers
- Proven reliability worldwide
- Cost effective
- Intuitive operation and software



ASI™ ARLINGTON SCIENTIFIC, INC.

ASI Infinity™ Value Proposition . . .

Clinical + Operational + Professional Benefits - Cost = VALUE

Clinical Value

- Accurate and reproducible results
- ELISA's proven sensitivity and specificity
- ELISA's flexible application from infectious diseases to R&D
- Proven worldwide performance in clinical labs
- Lower total healthcare cost



Operational Value

- Programmable open system
- Full walkaway capability
- Excellent throughput
- Perform virtually all EIA's utilizing 8-well strips or 96 microwell plates
- Powerful yet intuitive software package
- Password secured data management

Professional Value

- Workflow efficiency
- On board QC parameters including Levy-Jennings
- LIS integration capable
- Minimal consumables required
- Proven customer service
- Lower cost of operation
- Service and maintenance contracts available



Please visit us at www.arlingtonscientific.com or call 1-801-489-8911

American Made **Microwell Technology**

The ASI *Infinity*™ is a fully automated ELISA analyzer. The user friendly, programmable open system is capable of performing a single test or up to 12 various ELISA assays simultaneously in a full walkaway manner. The efficient control system manages operations, reporting and calibration functions for the ASI *Infinity*™. The analyzer does not require specifically designed nor customized consumables. The smart software automatically manages each assay separately so that multiple assays can be processed on the same plate even if they have different timings, reagents and reading modes. Performance and reliability have been proven for more than a decade in countries around the world.

When you require exceptional VALUE within your clinical, industrial or R&D laboratory, count on the **ASI *Infinity*™** to deliver:

- Flexibility to run virtually any EIA application
- Accurate and reproducible results
- Intuitive, user-friendly operation
- Reliable and proven performance
- Lower operational costs



ASI *Infinity*™

Enrich your lab with American value

ISO 13485:2003
FDA Registered



ASI Infinity™ Specifications



Environmental Conditions

- Indoor Use
- Main Supply Voltage: Fluctuations not to exceed $\pm 10\%$ of nominal voltage
- Altitude: Up to 2000m
- Temperature: 5°C to 40°C , may vary depending on reagent temperature requirements

Recommended Environmental Conditions

- Operating Temperature: $18 - 35^{\circ}\text{C}$
- Operating Humidity: Less than 85% recommended

General Specifications

- Min. and Max. Volume: $2 \mu\text{L} - 1.95 \text{ ml}$
- Precision for volumes $<5 \mu\text{L}$: $<2.5\% \text{ CV}$
- Precision for volumes $>5 \mu\text{L}$: $<1\% \text{ CV}$
- Maximum number of reagents: Typically 27 to 44
- Standard reagent rack: 27 positions, other configurations optional
- Reaction vessel: Standard microwell plates or strips

Incubator Specifications

- Incubation timing is software controlled and automatically optimized
- Plate/Well 25°C , 37°C , or ambient temperature
- Plate shakes automatically with testing

Physical Specifications

- $34'' \text{ W} \times 20'' \text{ L} \times 16'' \text{ H}$ Approx weight 77 lbs.
- $66\text{cm W} \times 51\text{cm L} \times 40\text{cm H}$ Approx. weight 35kg

Power Supply

- Voltage Range: 100 - 250VAC
- Frequency Range: 50 - 60Hz
- Power Maximum: 160W
- Installation Category: CAT II

Reader Specifications

- Reads bichromatic absorbance
- 4 position filter wheel: 405, 450, 492, 630 nm or custom
- Linear Range: -0.2 - 3.0A
- Photometric Accuracy
 - $\pm (1\% \text{ of the reading} + 0.005\text{A from } 0 \text{ to } 1.5\text{A})$
 - $\pm (2\% \text{ of the reading} + 0.005\text{A from } 1.5 \text{ to } 3.0\text{A})$

Hardware

- Computer not included.
- Contact ASI for current computer specifications prior to purchase.

Washer Specifications

- 8-probe, automatic prime and rinse
- Wash protocols are user programmable for aspirate, dispense, soak, mix
- Wash volume buffer range: 25 - 500 μL
- Wash may be set to repeat for a maximum ten times
- Soak time setting may be set from 0 - 60 seconds



ARLINGTON SCIENTIFIC, INC.

(800) 654-0146 · (801) 489-8911 · Fax (801) 489-5552

Springville, UT, USA Info@arlingtonscientific.com

www.arlingtonscientific.com

Specifications subject to change without notice.