

ASI Evolution System Specifications

System Type

Bench top diagnostic analyzer

Physical Dimensions

Length..... 36.25" (92.1 cm)

Height 18.75" (47.6 cm)

Depth 21.5" (54.6 cm)

Weight 78 lbs. (35kg)

Performance Characteristics

Throughput 190/hour

Maximum number of specimens 192

Minimum Reaction Volume ... 110µl

Minimum Sample Requirement 300µl

Dual orbital shaker

Reagent and Sample Dispensing

Capabilities Process qualitative syphilis RPR tests

Pump One syringe pump, 500µl

Probe 316 Stainless steel for maximum reagent compatibility, level sensing

Maximum Number of Reagents One carbon antigen reagent bottle

Reaction Vessel Four standard 48 well plates

Instrument bottles 1L Priming bottle

Reading

Detection Mode Image processing

Detector Built-in high resolution camera

Light Source LED light panel

Software/System Requirements

Format USB and Internet upgrades

Operating Systems
Microsoft Windows® 10 Pro, 64-bit, Intel® Core™ i3, i5 or equivalent, 4 GB RAM, minimum 100MB free drive space, USB port

LIMS Integration

Calculation Modes Proprietary Algorithm for particle analysis

QC Options Stores control data, patient results and reaction images

USB Port USB cable provided

Power

Voltage Range 100-240VAC

Frequency Range 50-60Hz

Power Maximum 160W

Installation Category CAT II

Recommended Environmental Conditions

Indoor use

Main supply voltage Fluctuations not to exceed $\pm 10\%$ of the nominal voltage

Operating temperature 18 - 35°C recommended

Operating humidity Less than 85% recommended

Certifications

FDA Cleared Diagnostic, blood donor screening and cadaveric (Non-heart beating) tissue screening.

CE Marked

NRTL Intertek

*Specifications subject to change without notice.

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