

Alegria[®] 2 *specifications*

Alegria[®] 2 – Lifts Autoimmune and Infectious Disease Testing to the Next Level



Gain your Patient Results with high Flexibility,
Reliability and Efficiency

The new, fully automated Alegria[®] 2 instrument provides a cost-effective sample to result solution with ORGENTEC's unique and comprehensive Autoimmune and Specialty Infectious disease panel utilising the Alegria[®] Monotest technology.

This easy to use, customizable technique enables you to directly test any assay from the large portfolio at any time for optimized patient care.

System overview

Description	Fully automated immunoassay analyzer for Alegria® Monotest assay processing
Parameters	Fully compatible with complete Alegria® Monotest portfolio
Operation modes	Continuous or batch mode STAT samples, random access anytime
Throughput	240 tests in < 8 hours
Time to 1 st result Time to 60 results	<70 minutes <100 minutes
On-board assay portfolio	Up to 80 assays
Sample Capacity	Up to 112 primary sample tubes
Benchtop System	Integrated: - 23.6 inch TFT Full HD Touchscreen - Computer - Reagents, consumables, waste container

Reagent – Consumable – Waste Management

Wash buffer container	2 liters
System fluid container	2.5 liters
Distilled water container	1 liter
Pipetting tips on board	288 tips in 3 racks
Predilutions on board	Up to 156 (3 predilution plates)
Waste capacity	Liquid waste: 10 liters Min. 180 strips Min. 250 tips

Connectivity

LIS/LIMS	Bidirectional LIS LIMS (LIS2-A2 standard)
Interface	2x ethernet ports + 2 USB Host ports + internal USB and serial port connections for CPU communication
Operating system	Microsoft Windows 10
Printer	All printers supported by Windows 10 can be connected
Memory	150.000 results, event logs, service logs...
System access	Individually configurable access rights and user management
Service	Integrated Service Software

Sample Management

Sample capacity	Up to 112 primary sample tubes (80 with dilution options)
Sample type	Serum – Plasma – Stool
Minimum Sample volume	~100 µL
Sample tubes accepted	Outer diameter 9.2-16 mm Inner diameter > 8 mm Height 44-120 mm Nested microtubes
Barcodes accepted	Code 128, Code 39, Codabar/NW7, Interleave 2 of 5

Alegria® Monotest Management

On-board assays portfolio	Up to 80 parameters Up to 80 strips in warehouse Up to 60 strips in reaction carousel
Alegria® Monotest	Trusted Alegria® Monotests are used on Alegria® 2

Maintenance

Warm-up time	10 minutes at RT (20°C)
Close time	5 minutes: Instrument shut down and rinse
Maintenance	Daily: NONE; Weekly: 15 minutes Monthly: 30 minutes; Yearly: 1 day

Technical characteristics

Power supply	110-230Vac@60-50Hz
Power consumption	700 VA
Fuses	2 x 10.0A T (5 x 20 mm)
Dimensions	850 x 600 x 700mm (W x D x H)
Weight	< 90 Kg / < 155 Lbs
Optics	650 nm, LED
Ambient temperature	Operation: 18°C to 32°C Storage & Transportation: -20°C to 50°C
Humidity	10 to 75% without condensation
Operating Altitude	from 0 to 3.000 m
Noise Level	< 65db (Decibel)

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