NEW RELEASE!
AIX 2.0

AIX1000®
Fully automated RPR for Syphilis Serology

The AIX1000® is an FDA cleared, CE marked, fully automated system for nontreponemal, rapid plasma reagin (RPR) testing designed to simplify the processing, analysis, and results interpretation for RPR screens and titers. With the new universal slide-in rack system accommodating a variety of tube sizes, sample loading has become even easier and faster.

Main Features / Key Updates

- Runs screens and titers – up to 192 samples in 90 minutes
- Full sample traceability: integrated barcode reading compatible with a wide range of barcodes
- Proprietary image recognition algorithm gives objective results
- Reduced labor overhead: reduced TAT and hands on
- Easy access to test results: save data and review on demand
- Improved Database Management cutting in half the time to perform backups/restore
- Remote data archiving capabilities and an expandable status log
- For use with AIX1000® RPR Reagent kit (cat # GSD01-1600)

GOLD
STANDARD
DIAGNOSTICS

TECHNICAL SPECIFICATIONS

Capacity

Sample Capacity	12 racks of 16 samples. Up to 192 samples total
Reagent Capacity	1 rack of 4 reagent positions and 2 control positions
MTP Positions	4 positions (4 reaction plates for screens and low titers/ 3 reaction plates and 1 predilution plate for high titers)
System Fluid	1 x 1 L external PBS solution
Liquid Waste	1 x 2 L external waste bottle position

Worklist Set-up

Sample Loading	Slide-in Racks with integrated barcode reader
Test Tube Size(s)	Accepts 12 to 16 mm diameter, up to 100 mm tall tubes

Liquid Handling

Probe Assembly	Single probe, dual needle system
Probe Tip	Fixed needle, washable stainless steel
Liquid Level Detection	Conductivity
Titer Range	1:1 to 1:256

Hardware

Image capture	Probe-mounted high resolution camera
LED	Long-life backlighting to support high-contrast images LED indicators for slide-in rack base plate
Orbital MTP Shaker	Amplitude: 10 mm, Speed: Up to 400 RPM, 4 MTP
Stirrer	Integrated into the reagent rack, Speed up to 400 RPMs

Software

Language	Multi-language support
User Interface	MS Windows 11
AIX1000 Software	Proprietary image recognition algorithm. Independent well tracking and timing. Results review. In-process controls & maintenance prompts. Remote data archiving. Worker-friendly time-efficient database backup. Expandable status log
Software Package	Agglutination Data Server, AIX1000® Configuration Tool, AIX1000® Instrument Manager
Data Server	Database of results, maintenance logs, status record files. Connects multiple instruments and consolidates data, LIS integration: Bi-directional, RS232, USB, TCP/IP

General Information

Ordering No.	00400
Power Specifications	Voltage: 100-265V. Frequency: 50-60Hz. Consumption: 12W w/o incubator, 120W max
Dimensions	W: 25.2 in, D: 22.5 in, H: 17.7 in (W: 64 cm, D: 57 cm, H: 45 cm), H (open): 36 in (91.5 cm)
Weight	28 kg
FDA Cleared/CE Marked	Yes/Yes

GOLD STANDARD DIAGNOSTICS