**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 1D and 2D 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) and AIX1000® RPR Reagent bulk kit (cat# GSD34-1600-R)

**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<br>(4 reaction plates for screens, 3 reaction plates and 1 predilution plate for titers) |
| System Fluid | 1 x 1L external PBS solution |
| Liquid Waste | 1 x 2L external waste bottle position |

## Worklist Set-up

| | |
|---|---|
| Sample Loading | Slide-in Racks w/ integrated barcode reader accepting 1D/ 2D barcodes |
| 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<br>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 10 Graphical User Interface |
| Instrument Manager | 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. |
| SW Package | AIX1000® Server, AIX1000 System Settings, and AIX1000® Instrument Graphical User Interface (GUI) |
| Data Server | Database of results, maintenance logs, lot/expiry information, etc. Connects multiple instruments and consolidates data, LIS integration: Bi-directional, RS232, USB, TCP/IP |

## General Information

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|---|---|
| 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 | 62 lbs (28 kg) |
| FDA Cleared/CE Marked | Yes/Yes |

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