Axxin AX-2X Instrument

The Axxin AX-2X Instrument is a portable, highly flexible and easy to use rapid testing instrument platform designed to provide qualitative and quantitative results for visual colorimetric and fluorescent immunoassays.

The AX-Kinetic Assay Designer Application provides real time analysis tools for Lateral Flow Assay Developers, QA/QC applications, Assay strip configuration and deployment.

Key Features

- Rapid Result Calling
- Visual or Fluorescent models
- High Sensitivity
- Qualitative & Quantitative Analysis
- Multiplexing Capability, 2 or multiline
- Automated workflow management or immediate read
- 3.4” LCD colour touch screen
- Flexible Test Bay Design
- Store up to 50 Test Types
- Run up to 999 tests in Standalone Mode
- Multiple data export options
- Cloud Sync Data Transmission
- LIS connectivity
- Reference Test Standards available
- Networking and communication options including WiFi, USB & Ethernet

Kinetic Designer Software

The AX-2X is designed to run as a complete standalone instrument solution for running lateral flow assays in a typical clinical setting or field based application. Connecting the AX-2X with a PC running the supporting Kinetic Designer R&D Software, provides additional tools for further in-depth assay analysis and detailed Test Type configuration capabilities.
Real Time Kinetic Assay Analysis

The AX-Kinetic application provides real time analysis tools for Lateral Flow Assay Developers, and for QA/QC applications.

Features

- Visual and Fluorescent capability
- Multiplex function, 2 or multiline
- Assay Optimization and Design
- Validation and Verification of Assay Studies
- Assay Quality Control monitoring
- Real Time 2D and 3D Assay Visualization
- Replay Assay performance
- Histogram Views
- Strip Editor for configuration and deployment
- Qualitative and Quantitative Analysis
- Rich export of data including graphs, CSV files and images

Product Configuration:

Kinetic Designer Software

- Viewing and editing function
- Customize instrument branding

Kinetic Viewer Software

- Viewing function only
- Reviewing AX-2X exported result files
### AX-2X Specifications

| **Modes** | Immediate Read or Workflow  
Colorimetric (Visual) or Fluorescent configuration |
|-----------|-----------------------------------------------------|
| **3.4” Colour Touch Screen** | Simple workflow management  
Ease of use, colour icon driven menus and prompts |
| **Configurable Tray** | Single insertion bay or Drawer adaptable to new cartridge types |
| **Communications** | 3 x USB ports, 1 x Ethernet port, WiFi optional |
| **Memory Storage** | Up to 999 Test Results & 50 Test Types |
| **Power** | Voltage 12V DC, Current 0.2A DC, external power supply |
| **Dimensions** | Width 123mm (4.8”), Height 113mm (4.4”), Depth 109mm (4.3”) |
| **Weight** | Approx. 600g (1.3lb) |
| **Printer Support** | Postscript 3 compatible Newtork printer  
USB attached Seiko SLP 620 printer |
| **Operating Environment** | Indoor use, 10°C to 30°C, 20% to 70% RH (non-condensing) |
| **Storage Environment** | For up to 30 days, 2°C to 45°C, 20% to 70% RH (non-condensing) |
| **Warranty** | 12 months return to base. Upgrades Available. |
| **Product includes** | AX-2X Instrument  
12V AC/DC Power Supply Module (with multiple adaptors)  
Product Manual |
| **Optional** | Kinetic Designer Software Application  
Kinetic Viewer Software (no cost)  
Transit Case for field applications  
Portable USB Printer & 2D Barcode Scanner  
Reference Test Standards  
External 12V Rechargeable Li-Ion Battery - 2 models available |

**Australian Office**  
Ground Floor, 582 Heidelberg Rd  
Fairfield, VIC, 3078, Australia  
T + 61 3 9329 1167  
F + 61 3 8732 0310  
ABN 43 120 905 839

**USA Office**  
4370 La Jolla Village Dr, Suite 400  
San Diego, CA, 92122, USA  
T + 1 858 730 5100  
F + 1 858 346 9300

**UK Office**  
45 King William Street  
London, EC4R 9AN, UK  
T +44 (0) 203 714 5650

www.axxin.com  
sales@axxin.com
AX-2X Instrument Models

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Axxin Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX-2X-N-G</td>
<td>P003569</td>
<td>Axxin AX-2X Instrument with Narrow Test Bay and Green Image Analysis LEDs (ex/em 520nm). Suitable for reading Colloidal Gold test strips.</td>
</tr>
<tr>
<td>AX-2X-W-G</td>
<td>P003692</td>
<td>Axxin AX-2X Instrument with Wide Test Bay and Green Image Analysis LEDs (ex/em 520nm). Suitable for reading Colloidal Gold test strips.</td>
</tr>
<tr>
<td>AX-2X-N-R</td>
<td>P003626</td>
<td>Axxin AX-2X Instrument with Narrow Test Bay and Red Image Analysis LEDs (ex/em 610nm). Suitable for reading Blue Latex test strips.</td>
</tr>
<tr>
<td>AX-2X-W-R</td>
<td>P003691</td>
<td>Axxin AX-2X Instrument with Wide Test Bay and Red Image Analysis LEDs (ex/em 610nm). Suitable for reading Blue Latex test strips.</td>
</tr>
<tr>
<td>AX-2X-N-F</td>
<td>P003743</td>
<td>Axxin AX-2X Instrument with Narrow Test Bay and UV Image Analysis LEDs (ex 360nm, em 613nm). Suitable for reading Fluorescent test strips.</td>
</tr>
<tr>
<td>AX-2X-W-F</td>
<td>P003839</td>
<td>Axxin AX-2X Instrument with Wide Test Bay and UV Image Analysis LEDs (ex 360nm, em 613nm). Suitable for reading Fluorescent test strips.</td>
</tr>
<tr>
<td>AX-2X-DR-R</td>
<td>P004449</td>
<td>Axxin AX-2X Instrument with Drawer Tray and Red Image Analysis LEDs (ex/em 610nm). Suitable for reading Blue Latex test strips.</td>
</tr>
<tr>
<td>AX-2X-DR-F</td>
<td>P004448</td>
<td>Axxin AX-2X Instrument with Drawer Tray and UV Image Analysis LEDs (ex 360nm, em 613nm). Suitable for reading Fluorescent test strips.</td>
</tr>
</tbody>
</table>

Contact Axxin for advice on selecting the appropriate model or for custom instrument configurations.

Axxin Cartridges & Strip Carriers

The following cartridge types are available under license from Axxin for use with the Axxin AX-2X platform:

- Strip Carriers
- Single Well Cartridge
- Dual Well Cartridge
- Reference Test Cartridges

Custom cartridge configurations are available.

For further cartridge ordering information refer to: D005334 Axxin AX-2X Cartridge Selection and Part Number Guide or contact sales@axxin.com