



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 + 1 858 736 9160
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

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Axxin provides platforms and diagnostic products for biomedical applications that bridge the gap from research to market with world leading innovation, capability and cost effectiveness. The company's products are used worldwide in research and diagnostic applications.

Axxin is ISO9001 and ISO13485 registered.

The company's goal is to take the complexity and cost out of point of care diagnostics and near patient testing applications. Founded in 2007, Axxin has extensive experience with innovative instrument design and sensor technologies and has applied these to both molecular diagnostics and immunoassay rapid testing applications. Axxin has established itself as an early leader in commercializing diagnostic delivery systems in partnership with leading biomedical and pharmaceutical companies.

Axxin's experienced team has in excess of 50 years of product design, development and manufacturing expertise in high technology products for worldwide markets, including regulatory approvals.

Immunoassay, Lateral Flow Instruments

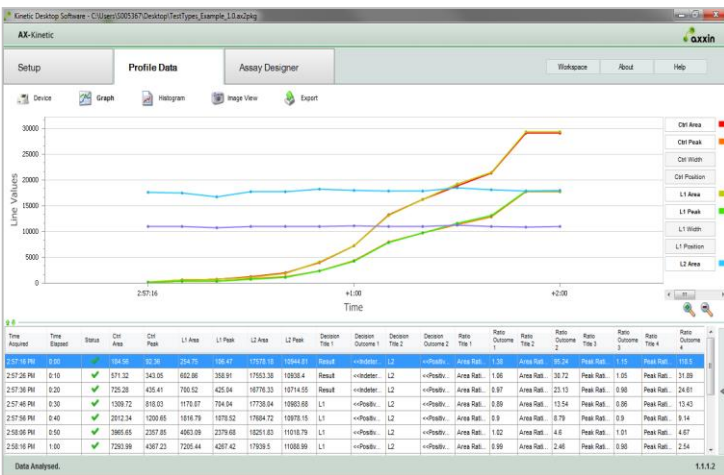
AX-2X Visual & Fluorescence Lateral Flow Instrument



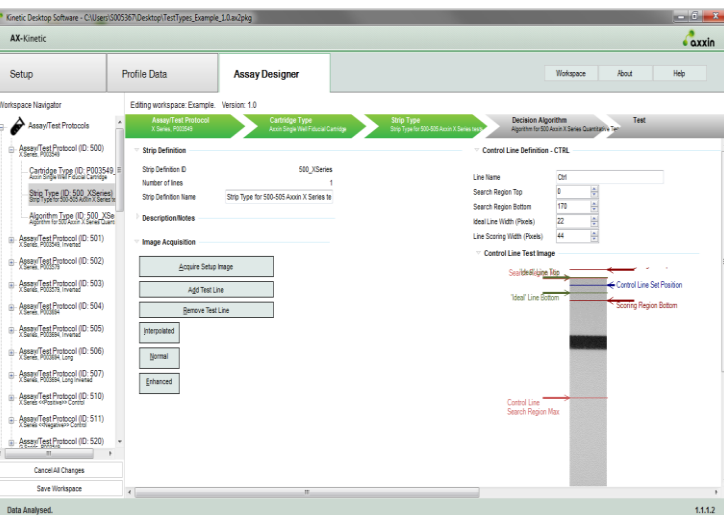
The Axxin AX-2X instrument is a portable, highly flexible, easy to use rapid testing instrument platform designed to provide quantitative or qualitative results for visible or fluorescent colorimetric immunoassays.

Key features include random access testing, multiplexing support, automated workflow management, flexible tray design, color touch screen, wide range of networking and communication options, cloud data storage and LIS/LIM integration connectivity.

Real Time Kinetic Assay Analysis R&D Tools



- Assay Optimization and Design
- Validation and Verification of Assay Studies
- Quality Control Monitoring of Assay
- 2D and 3D Assay visualization in real time
- Replay Assay performance
- Powerful data export features
- Visual and Fluorescent capability
- Rich export of data including graphs, csv files and images



Strip Editor and Configuration Management

- Design lateral flow strip configurations
- 2 line or multi line analysis
- Qualitative and Quantitative
- Sophisticated image analysis of assay performance
- Configuration management and deployment



T16-ISO Instrument



T8-ISO Instrument

Isothermal Instruments

Axxin Isothermal instruments are highly flexible, benchtop and field portable instrument platforms designed to provide quantitative or qualitative results for molecular isothermal applications.

T16-ISO

- Supports 16 tube testing in a single test run
- Three channel fluorescence detection per tube
- Standalone operation or PC connected modes
- Desktop software supports two T16 instruments simultaneously enabling 32 tube testing
- Testing temperature range of 37°C to 65°C
- USB and Ethernet connectivity for Data transfer

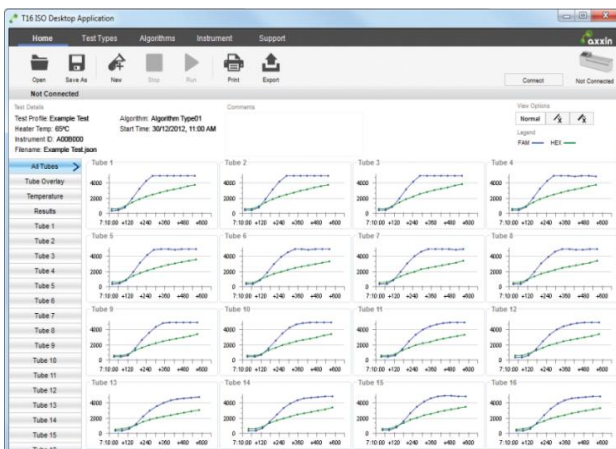
T8-ISO

- Supports 8 tube testing in a single test run
- Two channel fluorescence detection per tube
- Standalone operation or PC connected modes
- Testing temperature range of 37°C to 65°C
- USB and Ethernet connectivity for Data transfer

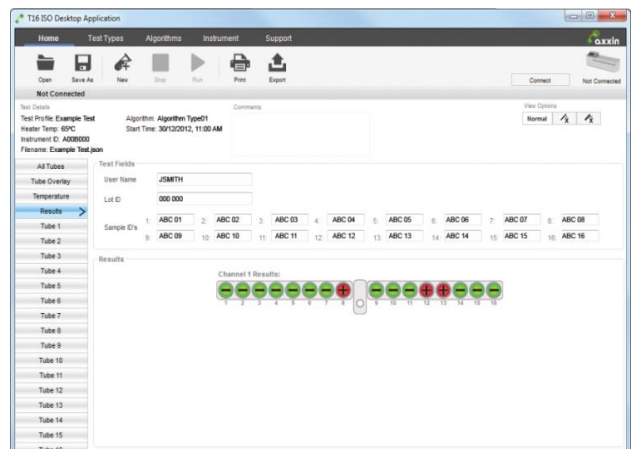
AX-ISO Isothermal Software Application Tools

- Real time data presentation for assay analysis
- Thumbnail view in real time up to 16tubes simultaneously
- Detailed tube results screen and overlays
- Data export and printed results reports.

- Real time algorithm and decision logic configuration.
- Workflow management.
- Test configuration and export to configure instruments



Results Graphs



Results Summary Display

Axxin was founded in 2007 as a biomedical design and development company focused on medical devices with point of care applications using leading edge processor and bio-sensor interface technology. Axxin's outstanding team of engineers provide fully integrated services required to design, develop, test and transfer to manufacture your medical device. Axxin's experienced team has in excess of 50 years of product design, development and manufacturing expertise in high technology products for worldwide markets, including regulatory approvals.

Axxin's company systems are ISO 9001 and ISO13485 compliant and its internal product quality control processes, procedures and capabilities ensures the manufacturing of quality and reliable products with long operational life cycles.

Expertise includes:

Design and Development Services

- Product Consulting including detailed specifications
- Concept and feasibility assessment
- Product Requirements capture and analysis
- R & D lifecycle services
- Prototyping and Proof of Concept
- Advanced Testing Expertise for standards certification
- Design for test and manufacture
- Industrial Design Services
- Program Management
- Design History File Management for Regulatory Submission

Cartridge and Consumable design

- Injection moulded cartridge design
- Fluid development.
- Instrument integration

Hardware and Electronics Design

- Design Management
- Schematic and Multilayer PCB design
- CAD design and package integration
- Embedded systems
- Biosensor design and integration
- Advanced System on Chip design

Software and Systems Development

- Software Architecture and Design
- Software Validation and Verification
- User Interface and Human Factors Development
- C#, C++ development including .NET framework
- ASP, .NET server applications and APIs
- Embedded WinXP, WinCE and Linux development

Manufacturing Management Services

- Design for test and manufacture
- Procurement management including supplier evaluation
- Bill of Materials Life Cycle Management
- Test fixture design and development
- Test Rig development for volume manufacturing
- Quality assurance management
- Engineering and Production Support

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