

CICERO BIOINSTRUMENTATION

Let Cicero Bioinstrumentation provide reliable automation and integration design solutions.

Our people are highly skilled in the areas of robot application design, automated workcell design, workcell integration, industrial and laboratory data and controls, and control system communications. Our experience covers a broad array of embedded controls, PLC, and computer controls applications.

Every project at CBI is completed and delivered with the necessary documentation for supporting IQ/OQ/PQ validation. CBI also offers, as part of our development service, complete IQ/OQ/PQ protocols for any fixture or instrumentation we develop.

For more information on Cicero Bioinstrumentation please contact:

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*Laboratory Automation
Solutions for the Biotech World*

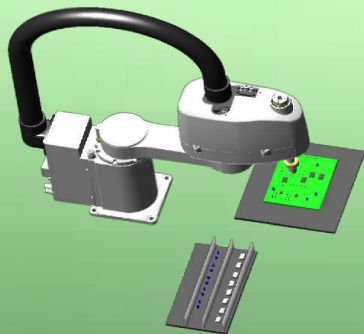
Cicero Bioinstrumentation provides laboratory automation services to the Biotech community. Our services include robotics application design and development; control software development; integration of existing equipment; and informatics services for genomics, proteomics, pharmaceuticals, and agricultural laboratories.

ROBOTICS

Cicero Bioinstrumentation's custom Laboratory Automation solutions include the use of SCARA and multi axis robots for pick-and-place and laboratory test and measurement applications, as well as automated experiments.

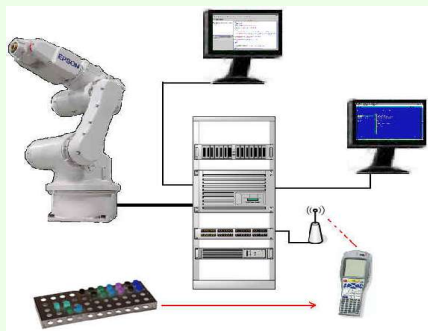


Cicero Bioinstrumentation's robotic solutions include integrated controls with high-level user interfaces, as well as communication control interfaces. This allows the robotic systems to be easily integrated into a customer's existing laboratory information and control systems, for both control and data collection purposes.



SYSTEM INTEGRATION & CONTROL SOFTWARE

Our experience in system integration allows us to integrate existing laboratory equipment with new equipment and controls, to provide an operational and data collection automation system customized to each client's needs.



TEST AND MEASUREMENT

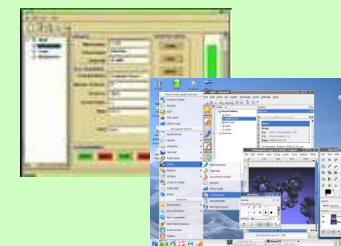
Cicero Bioinstrumentation combines custom or existing test and measurement fixtures with computerized data acquisition systems. Using this combination, with data analysis software, CBI offers fully-automated data collection and processing solutions for laboratory automation, product testing, and drug discovery.



All Cicero Bioinstrumentation test systems are calibrated with NIST standards where applicable.

BIOINFORMATICS

Cicero Bioinstrumentation offers information system design and development services including database design, database performance validation, data processing middleware development, and Windows, Linux, and Web-based application development services. We also interface databases and custom applications with laboratory equipment.



Cicero Bioinstrumentation's web based applications development includes the use of LAMP (Linux, Apache, MySQL, and PHP/Perl) technologies as well as Cold Fusion, Java, ASP, Flash, Javascript, and more.

We also provide database server configuration and database design for a variety of database systems, including MySQL, PostgreSQL, and Microsoft SQL Server. Our database designs include full documentation for installation as well as for ongoing operational and performance management.

For Clinical applications, CBI adheres to 21 CFR 11 requirements and ensures application compatibility with on site HIPAA protocols.

