Laura™

Radiochromatography Data Collection and Analysis Software

www.**lablogic**.com

LabLogic
EXPERIENCE & EXPERTISE

Laura™

The industry standard radiochromatography system used by thousands of scientists worldwide

Laura™ is the ideal software package for metabolite profiling, quality control, compound purification or any other radiochromatography task. It offers a single point of control of both the radio-detector and HPLC system in a GxP environment; one system for all your radio-chromatography needs.

It uses an intuitive ribbon design, making access to key functionality quick and easy. It also groups together logical functions, as well as providing improved tool tips, and contextual tabs to help the user find the function they require.

Functional and easy to use

Using **easy-to-use wizard driven approach** for multiple steps, Laura™ is as intuitive to use for the occasional user as it is for the researcher that uses Laura™ every day.

Laura™ has all the features an experienced chromatographer expects including:

- Multiple trace display and data treatment.
- Quench correction.
- LSC import.
- Background correction.
- Manual and automatic peak finding.
- Scintillator pump control.
- Fraction collector control.
- Multiple run overlay.

Connectivity

Laura™ is truly the data system for all your radio-chromatography requirements, providing connectivity to a wide range of detectors. These include: the **Beta-RAM** for radioactivity detection, chromatography systems for **HPLC, GC,** as well as LabLogic's offline liquid scintillation counters.

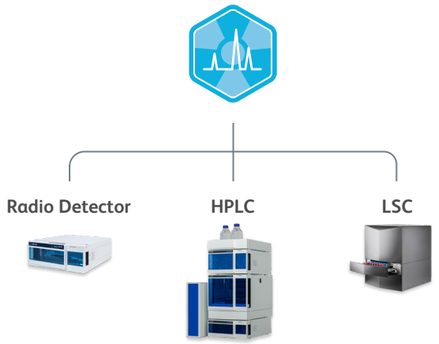
Compliance

Laura™ has features that can be configured to meet the most rigorous regulatory compliance requirements. Including a configurable **audit trail**, **multi level security, e-signatures** and **data storage** into a **secure database environment.**

Configure and control

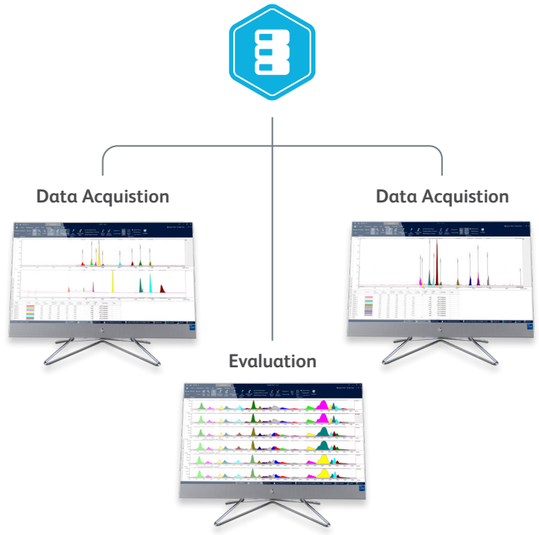
Single point of control

Laura™ is a single point of control for radiochromatography equipment including radio detectors, HPLC stacks and offline liquid scintillation counters.



Scalability

Laura™ can be installed as a single stand-alone system or support multiple data collection and data analysis workstations sharing a secure central data storage area and security set up.



Data Storage

To provide the most secure data storage and to support the most rigorous data integrity requirements, Laura™ data can be stored in a database environment.

Methods

Laura's easy to use wizard-based approach makes methods for all instruments easy to create. To ensure data integrity all changes are audit trailed and methods can be locked against modification.

Evaluation

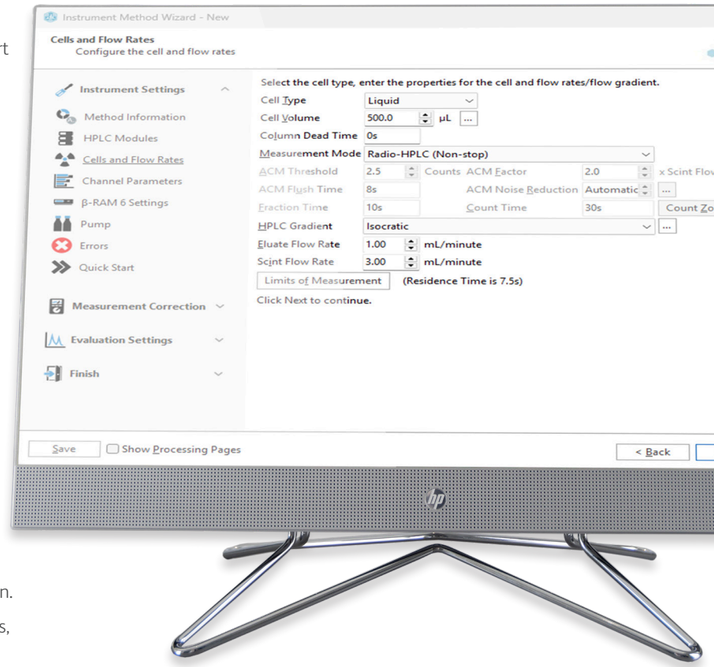
Laura Evaluation licences are standalone desktop licences that operate independently from your laboratory instruments. This allows your team to process, review and evaluate data from an office, at home or any workspace outside of the lab.

Flexible licencing options are available:

Node Licence: Tied to a single workstation. Any number of team members can use the software on that specific computer.

Named User Licence: Assigned to an individual user. That user can access the software from any workstation.

Concurrent Licence: Unlimited users and workstations, restricted only by the number of simultaneous logins.



Connectivity to third party manufacturers

Laura™ interfaces to equipment from all leading manufacturers including Agilent, LabLogic, Berthold, Gilson, Hidex, Jasco, Knauer, Shimadzu, and Waters.

Agilent Technologies · Jasco · HIDEX · Waters THE SCIENCE OF WHAT'S POSSIBLE.™ · SHIMADZU Excellence in Science · GILSON · KNAUER · LabLogic EXPERIENCE & EXPERTISE

Collect, analyse and report

Manual and automatic peak finding

Laura™ offers both manual and automatic peak integration tools. User friendly functions are available to allow the user to identif regions of interest, background areas, tangents, etc.

LSC Import

The LSC import function allows laboratories to process offline radiochromatography data. The software converts data from raw counter output files into a chromatogram format.

Transform discrete fraction data into continuous chromatograms for peak integration within a regulatory-compliant environment.

Hidex Integration

Historically, standalone LSCs struggled with 21 CFR Part 11 compliance because raw text or Excel data files could be easily modified. By controlling the Hidex counters through Laura, all captured data is captured into a secure database.

Multiple chromatogram display and data treatment

Within Laura™ the user can display and analyse multiple chromatograms in the same view. A useful batch analysis tool allows the researcher to quickly analyse multiple data sets using the same integration method.

Half-Life Correction

Laura™ software gives users the tools to correct for half-life either from a date and time or during a measurement to ensure the most accurate data is collected.

SDA Processing

SDA processing is a unique feature, which significantly improves visual quality and definition for the smallest of peaks, without smoothing data. Raw data is unchanged.

Unique summary table tool

Laura™ features a summary table function which enables researchers to run comparisons across a range of chromatograms. Powerful tools such as pivot tables are available to help the user produce comprehensive summary tables.

Background correction

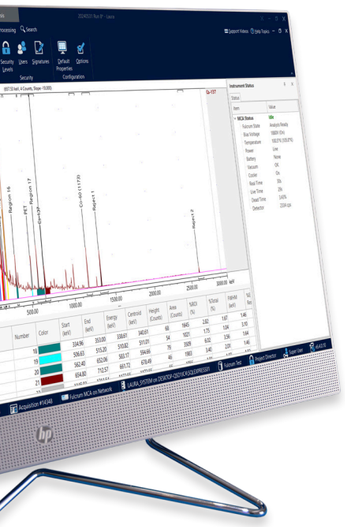
Background correction and subtraction features provide tools to remove baseline noise and isolate true sample radioactivity.

When integrating a chromatogram, Laura determines background values based on the user-defined background regions.

When two background regions are set (typically at the start and end of the chromatogram), Laura calculates individual averages for both. The software then plots a graduated linear baseline between those two points to adjust for fluctuating or drifting baselines across the run.

Reports

Laura™ offers the user the ability to create report templates with customisable styles to suit every requirement. Laura™ also fully supports the Microsoft Office suite of programs allowing chromatograms, region tables and other data to be added into Word documents, Powerpoint presentations or Excel worksheets very simply.

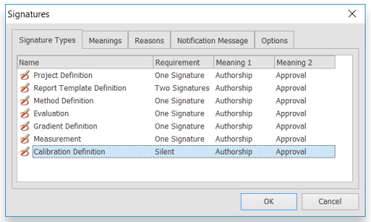


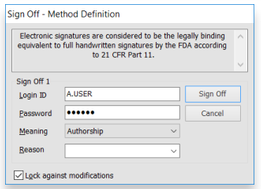
Compliance

Laura™ is designed to fully support GLP and associated regulatory compliance. This includes support for FDA 21 CFR part 11. Totally configurable to meet all requirements, Laura™ features audit trail, flexible security settings, multi-level access and e-signatures.

Electronic Signatures

Laura™ supports the use of electronic signatures as well as a customisable data storage configuration to meet site requirements for electronic data.





Audit Trail

Laura™ has a fully featured audit trail that can be configured to suit the requirements of the user site. Response from the user can be as simple as choosing from a pre-defined list of standard audit reasons or require a unique response depending on the situation and site rules.

Access Levels

Laura™ features multi-level access control in which the system can be configured to have as many levels of access as the user site requires. Menu items are then restricted according to the security level of the individual logged in.

Security Settings

Laura™ can be configured to suit your particular site requirements for security. User names and passwords can be controlled relative to the site requirements as can inactivity time outs and all other functions required for a secure system.

Data Integrity

Regulatory compliance is an essential feature of Laura™, built to meet GLP/GMP, MHRA and FDA 21 CFR part 212 / 11 requirements. Featuring configurable audit trail, electronic signatures, secure data storage in a database environment and multi-level security Laura™ can be configured to meet regulatory requirements for data integrity.

Service and Support

Users of our systems can benefit from our comprehensive, fully inclusive service and support.

We can give reassurance that if things go wrong or you need expert advice, help is only an e-mail or phone call away.

Validation Services

Our Validation Service enables you to implement and get maximum value from your investments as soon as possible.

We work as a partner with your Quality Manager, System Manager and users to provide a tailored Validation Plan, suited to your needs. Our Validation Specialists who have many years' of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet company and regulatory requirements.

Training

LabLogic can provide a variety of training courses and workshops to help you get the most out of your instrument and software.

All training is performed by our expert Product and Support Specialists who have many years experience in the development and use of the instruments and software.

Certificates can be provided to complement your internal GLP training records.

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