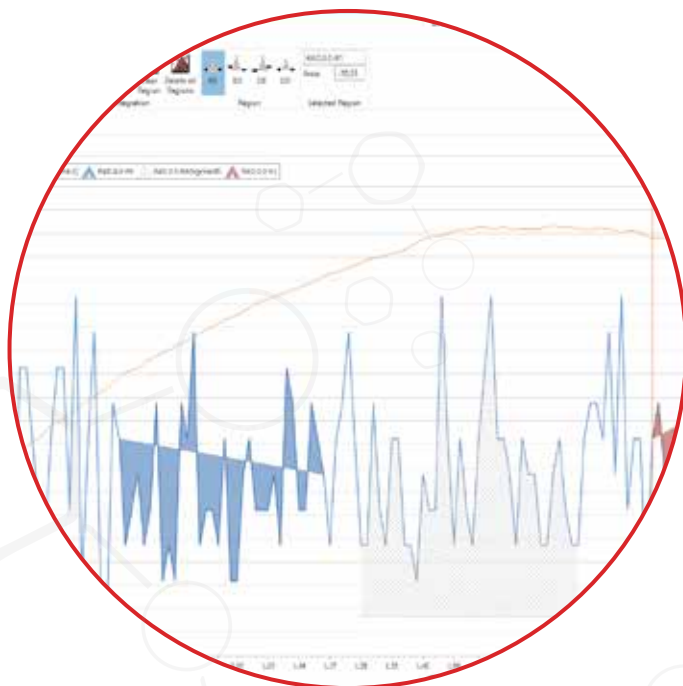# GINA 10

N° 1 RADIO-CHROMATOGRAPHY SOFTWARE

THE CENTRAL RADIO-CHROMATOGRAPHY SOFTWARE FOR YOUR LAB

- RADIO-HPLC, RADIO-TLC AND MCA ANALYSIS

- EASY AND INTUITIVE

- SPECIFIC FEATURES FOR RADIO SIGNALS

- DESIGNED FOR GMP FOLLOWING GAMP 5 GUIDELINES

GINA 10 is a data acquisition and evaluation software for chromatography, specialized for radio-chromatography and easy control of your liquid or gas chromatography.

Gina 10 is the heart of the QC laboratory. It is able to control radio-HPLCs, all our radio detectors, TLC systems and the GC.

Gina 10 has an intuitive graphical user interface with the highest standards and features, enabling you to be compliant with cGMP and 21 CFR part 11 regulations.

Gina 10 is developed under good automated manufacturing practice (GAMP 5) and designed for GMP. Specific calculation features for radio signals such as decay correction (half-life time correction), quench correction or background subtraction make all the difference, when compared with standard chromatography software.

Gina 10 is also easier to take in hand. The software can record several chromatographic traces that can be manually or automatically integrated and processed. Standard peak information can be depicted in the report (e.g. symmetry, resolution, width, area %...) as well as the analytical conditions. The software manages calibration curves, report generation, data export, method creation, injection sequence...

ELYSIA RAYTEST

Gina 10 is the latest evolution of our Gina Star software. It has a completely new structure and design. The novel design has been optimized in terms of intuitivity and ergonomy (touch screen compatibility, readability...). Gina 10 covers digital data acquisition, instrument control and evaluation of the data.

An audit trail and user access control with defined security levels meets all demands for data security. Filters and search tools implemented in the audit trail allow immediate system traceability and identification of "who, when, why, how" ?

The processed data, raw data and analysis-specific setup information is stored in a secured database to increase the data protection. Special algorithm based on check sums and name tags allow to link data sets, measurement and instruments and prevent any data manipulation.

Gina 10 is a universal solution for many reputed chromatography systems, it controls recent Agilent and Shimadzu HPLC and GC systems.

The portfolio of controlled instruments increases constantly, and the list of validated instruments is available on our web page.

You can simply upgrade your Gina Star to Gina 10 as older Gina data sets can still be evaluated.

Gina 10 is a modular software with optional software modules for specific features or instruments. The standard permanent licence contains the evaluation module and can simply be upgraded with any other module.

Evaluation module

The standard evaluation module is used to evaluate older Gina Star data sets or to evaluate more recent data sets acquired with instruments controlled by Gina 10. It allows one to use and work with Gina measurement files without the need of a connected Elysia-raytest detector. It has all the features needed for the evalution of a data file from a GC or a radio-HPLC. It comes with a wide range of features, such as automatic peak detection, half-lifetime correction, background subtraction or automatic report generation.

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Radio detector control module

This extension is needed to use Gina 10 to control one of the Elysia-Raytest radio flow detectors (Gabi Star, Gabi Nova, Ramona, Pomo...). It allows the control of the detector, to acquire a full digital signal as well as the possibility to get access to advanced instrument settings.
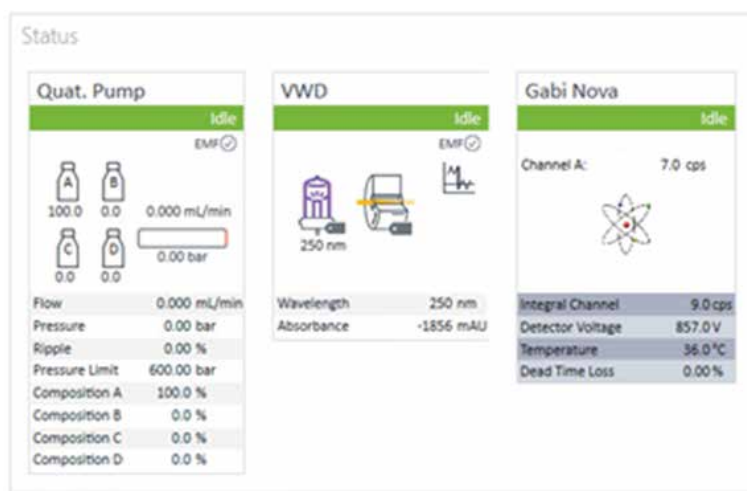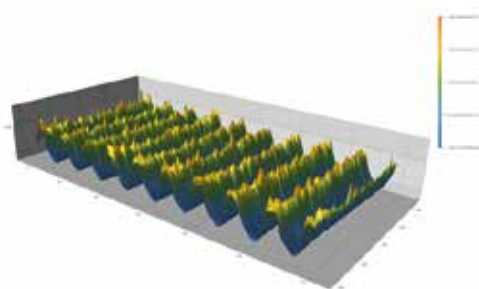
LC control module

███ ███ ███ ███

We propose LC control modules for different HPLC brands such as Agilent or Shimadzu. Each LC module will allow you to control almost the entire LC range of a specific brand, including pump, autosampler, column oven, detector (UV, RID, DAD...) and fraction collector.

GC control module

███ ███ ███ ███

We propose GC control modules for different GC brands such as Agilent or Shimadzu. Each GC module will allow you to control almost the entire GC range of a specific brand, including liquid injector, head-space and GC.

Diode Array module

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This module is needed for the acquisition of data from a Diode Array detector. It allows one to show the complete data set from a DAD measurement in a 3D graph. Simply move your mouse over the 3D spectrum to find and traverse regions of interest.

GMP module

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The GMP module gives you access to the full audit trail and search functions. Beside the audit trail, it will also give you access to the full user management functionality. Simply create different users, assign them to the different user levels and accord them with the desired access rights.
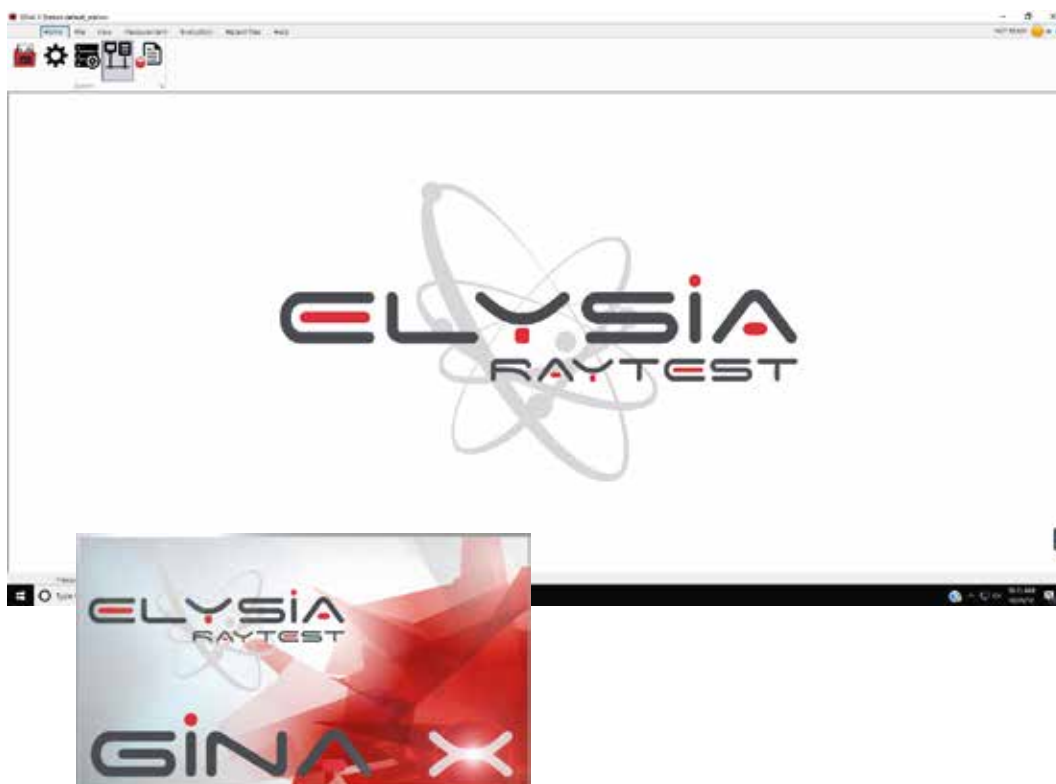

MCA - gamma spectroscopy module

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This module is réquired to control our multi-channel Analyzer ("Mucha").
The module allows the control of system settings, data acquisition and spectrum evaluation.

Some features are only available with the optional module !

- Automatic peak detection and integration
- Dead time correction
- Half-life time correction
- Advanced radio signal background subtraction
- Basic spectrum analysis
- GxP features
- User management (access and level control)
- Audit trail
- Electronic signature
- GC, LC and radio-detector control