



Logi-CHROM

HPLC Series

www.lablogic.com



LabLogic

EXPERIENCE & EXPERTISE

Flexible and adjustable to your needs

Logi-CHROM HPLC modules, are a new addition to LabLogic's radiochromatography range. Compact, cost effective and fully integrated within Laura software, Logi-CHROM is available as a standard HPLC or UHPLC.

Versatility and reliability

The new Logi-CHROM instruments are designed to meet your everyday challenges with versatility and reliability. These systems are flexible in many ways, offering a range of materials, flow rates and complexity levels. Logi-CHROM accomplishes your demanding analytical tasks with a selection of detectors, pumps, and columns.

Single point of control

Control and monitor your Logi-CHROM system and process your data with Laura, the Industry standard radiochromatography system used in thousands of laboratories worldwide.



Single point of control through Laura

Large Capacity Solvent Tray

Bio Inert Option available

Thermostatic Column Compartment

A forced air column thermostat capable of heating or cooling from 5 to 85°C.

Pump

The Logi-CHROM pump is compact yet powerful. Options include electronic pulse dampening and state-of-the-art UHPLC support.

Manual Injector Option

Auto Sampler

Offers maximum efficiency and accuracy with superb sample integrity.

Detectors

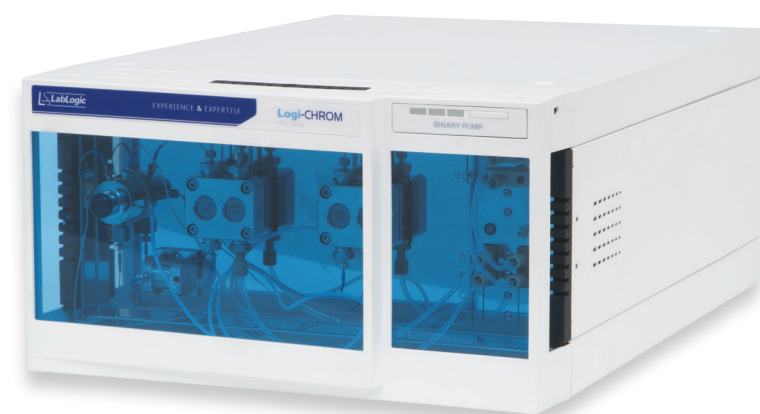
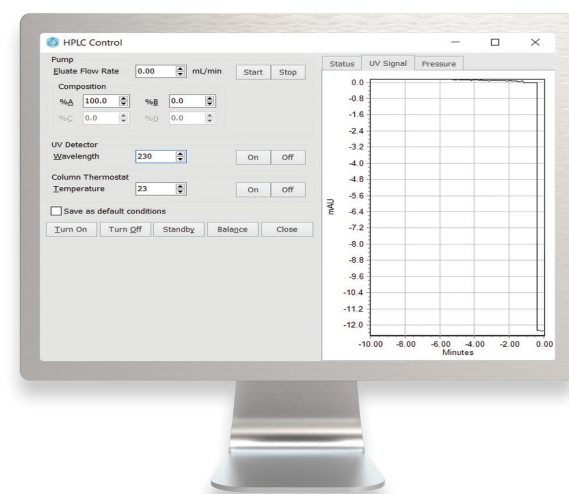
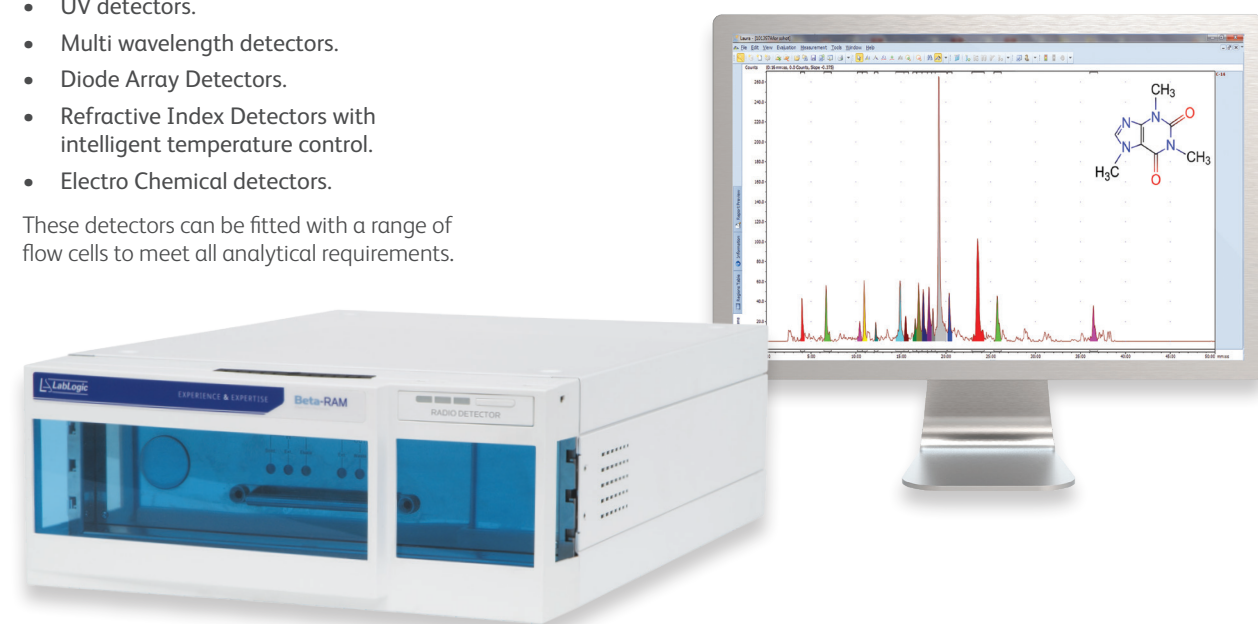
A wide range of detectors are available to meet all analytical requirements.

Detectors

A wide range of detectors are available including:

- Radio chemical detector (Beta-RAM).
- UV detectors.
- Multi wavelength detectors.
- Diode Array Detectors.
- Refractive Index Detectors with intelligent temperature control.
- Electro Chemical detectors.

These detectors can be fitted with a range of flow cells to meet all analytical requirements.



Pump

The Logi-CHROM pump is compact yet powerful featuring a high quality HPLC pumping system. Choose between 3 configurations:

- A 2 x 2 binary high pressure gradient (HPG) for high accuracy blending of up to two eluents from two selectable solvents each.
- A low pressure gradient (LPG) for reliable blending of up to four eluents.
- A cost-effective isocratic version for simple analyses.

Choice of pump heads available including:

- Maximum flow rate of 10 ml/min and 700 bar backpressure.
- Maximum flow rate of 5 ml/min and 1000 bar backpressure.

Whatever your separation requirements the Logi-CHROM system has a high quality pump set up available.

Thermostatic Column Compartment

The Logi-CHROM system offers a forced air column thermostat capable of heating or cooling from 5 to 85°C. The powerful fan and robust peltier element prevent a column from overheating while keeping it at a very stable temperature.

- Temperature range 5 – 85°C.
- Heating/cooling rate 2°C/min.
- Temperature accuracy ± 0.2°C.
- Temperature stability ± 0.1°C.
- Optional pre-column eluent tempering.
- Up to 6 columns with 350 mm max. length.
- Max. 16 mm inner diameter.
- Column switching option with ASM 2.1L.

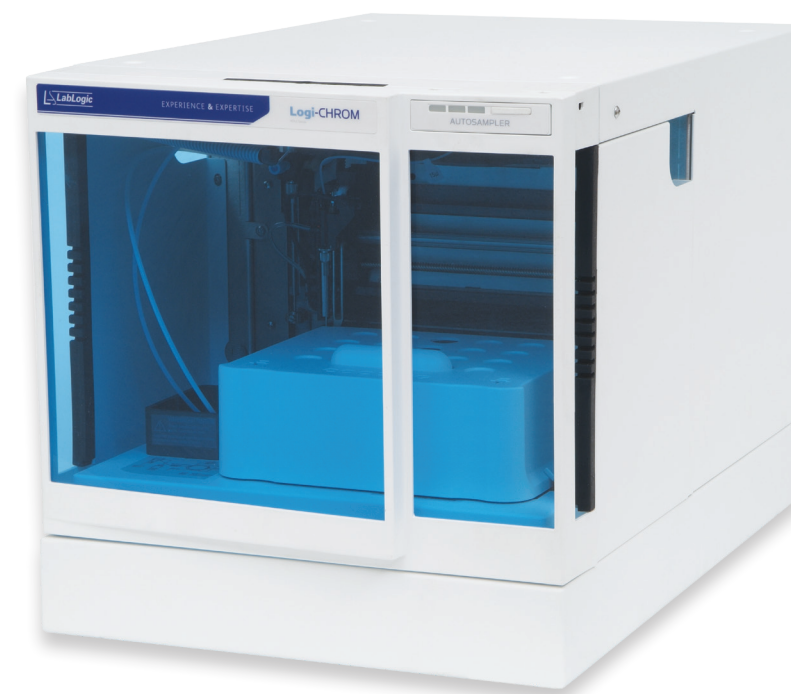
Stable temperature has an immense positive influence on retention time reproducibility and the Logi-CHROM system offers analysts that temperature stable environment.



Auto Sampler

The Logi-CHROM autosampler is designed to give maximum efficiency and accuracy with superb sample integrity. It features the integrated intermediate loop decompression valve (ILD) which reduces sample dilution and increases measurement reproducibility.

- Up to 1 240 bar (700 bar).
- Cooling/heating option (4 – 40 °C).
- 0.1 µl – 10 000 µl (depending on configuration) sample injection volume.
- Up to 768 samples (microtiter plates) or 108 standard vials.
- Intermediate Loop Decompression – ILD.



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 have 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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