

# EC-Detector

PET /SPECT EC (Electrochemical) Detector



**Logi-CHROM**  
HPLC Series

**LabLogic**

EXPERIENCE & EXPERTISE

# Meeting the demands of PET QC analysis

LabLogic's Logi-CHROM Electrochemical Detector has been developed to meet the demands of fast analysis, with excellent detection sensitivity, acquisition frequency and an integrated temperature controlled compartment. This detector is the ideal solution for all PET and non-PET HPLC applications that routinely use electrochemical detection.

## Accurate

The EC Detector maintains the column and flow cell (separation and detection) at a very accurate and stable temperature.

In addition, the EC Detector has ADF (Advanced Digital Filter) technology and a new generation of electrochemical flow cell, for reduced signal-to-noise ratio and improved sensitivity.

## Compliant

As with all LabLogic products, the Logi-CHROM EC Detector has been designed to meet or exceed regulatory requirements.

The absence of buttons on the front panel ensures that method parameters can only be changed by the operator, with the appropriate level of access via Laura for PET software. All and any changes are accompanied by a full audit trail.

## Integrated

The EC Detector is part of LabLogic's leading PET solution and can work as a stand-alone instrument or as one module within the Logi-CHROM HPLC Series.



### Industry standard software

The EC-Detector is fully controlled by the single point of control, radiochromatography software Laura for PET and can be seamlessly integrated with the world leading PET LIMS, PETra.



### ADF (Advanced Digital Filtering)

A noise elimination algorithm, specifically developed for electrochemical data.

It improves S/N, thus improving the detection limit by up to a factor of 200, depending on conditions.

### Integrated temperature control

Highly stable, Faraday-shielded, temperature-controlled compartment accommodating both column and flow cell.

Stable working conditions are a prerequisite for trace analysis – no sensitivity without stability!

### EC Flow Cell delivers unsurpassed S/N ratio

The EC Flow Cell is a new generation detector, specifically designed for highest sensitivity. The tool-free assembly and the continuously adjustable working volume guarantees ease of use and excellent performance.



### Basic Specifications

Power	100 - 240 VAC, 50/60 Hz, 260 VA max., auto-sensing
Dimensions	43 (D) x 22 (W) x 44 (H) cm
Weight	Max 14.4 kg without flow cell and column

Please refer to the Technical Specification Sheet for further information



## Service and Support

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

We provide complete service and support for all of our customers to 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 incorporate years of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet your company's requirements.



## Training

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

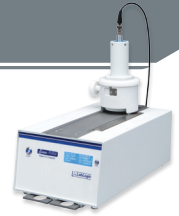
All training is performed by our expert Product and Support Specialists who have many years experience in the development and use of the instruments and software.

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

## Related Products

### Scan-RAM™

PET/SPECT radio-TLC Scanner



### Flow-RAM™

PET/SPECT radio-HPLC Detector



### Posi-RAM™

PET Metabolite radio-HPLC Detector



### Hidex AMG

Automatic Gamma Counter



### SPECTra™

SPECT LIMS Software



### Laura for PET™

PET/SPECT Radiochromatography Instrument Control, Data Collection and Analysis Software



### QC Solutions

The Complete PET Quality Control Service



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Certificate No: 10926  
ISO 9001

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Certificate No: 1535  
ISO 9001



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