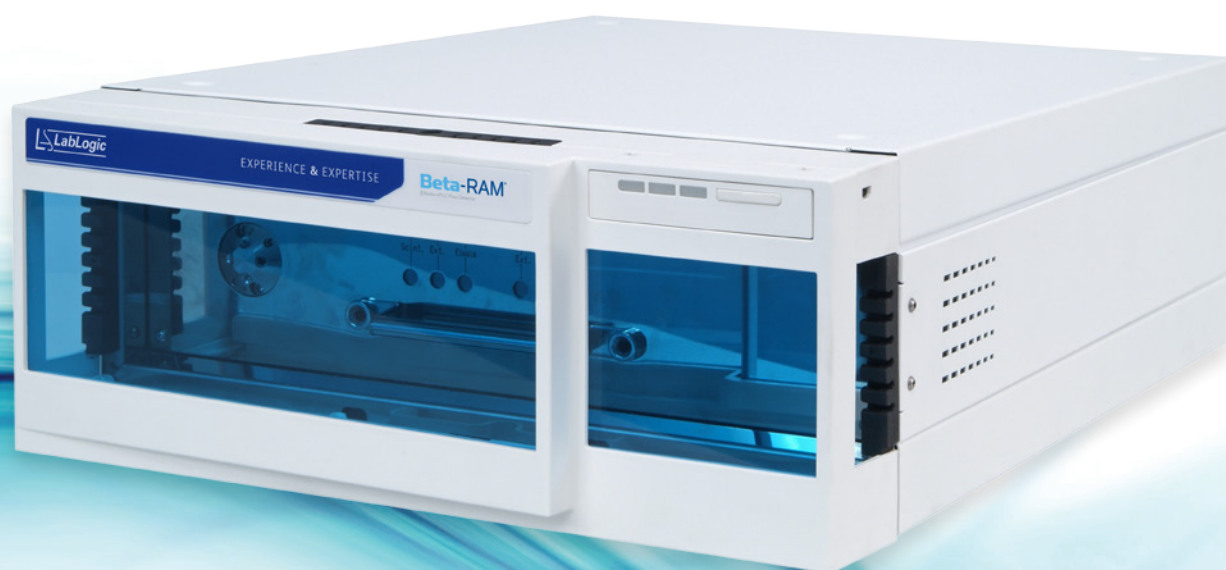# Beta-RAM™

radio-HPLC Flow Detector

www.**metorx**.com

LabLogic

EXPERIENCE & EXPERTISE

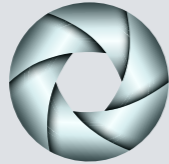# The world's leading radio flow detector offers unrivalled sensitivity, resolution and versatility.

The all-new Model 6 has impressive features which improve the Beta-RAM's performance and the efficiency of the radiochromatographer.

Performance

NEW IRIS Technology

IRIS technology allows users to optimise sensitivity and resolution by making a range of cell volumes available dynamically.

Unlike traditional technologies, which rely on a fixed flow cell volume, the IRIS technology gives a wide range of cell volumes without the need to change the flow cell.

Patent Pending

Stop Flow

The stop flow mode allows the user to achieve superb levels of sensitivity previously unavailable with on-line counting methods.

By controlling both the Beta-RAM and HPLC system, the user can define a fraction time and counting time therefore eliminating the labour intensive, time consuming process of fraction collecting.

Cell ID

All parameters relative to flow cell type and serial number are seamlessly identified in the Laura software.

Cell ID allows for automatic calculation of eluate residence time and other counting units such as cpm and dpm.
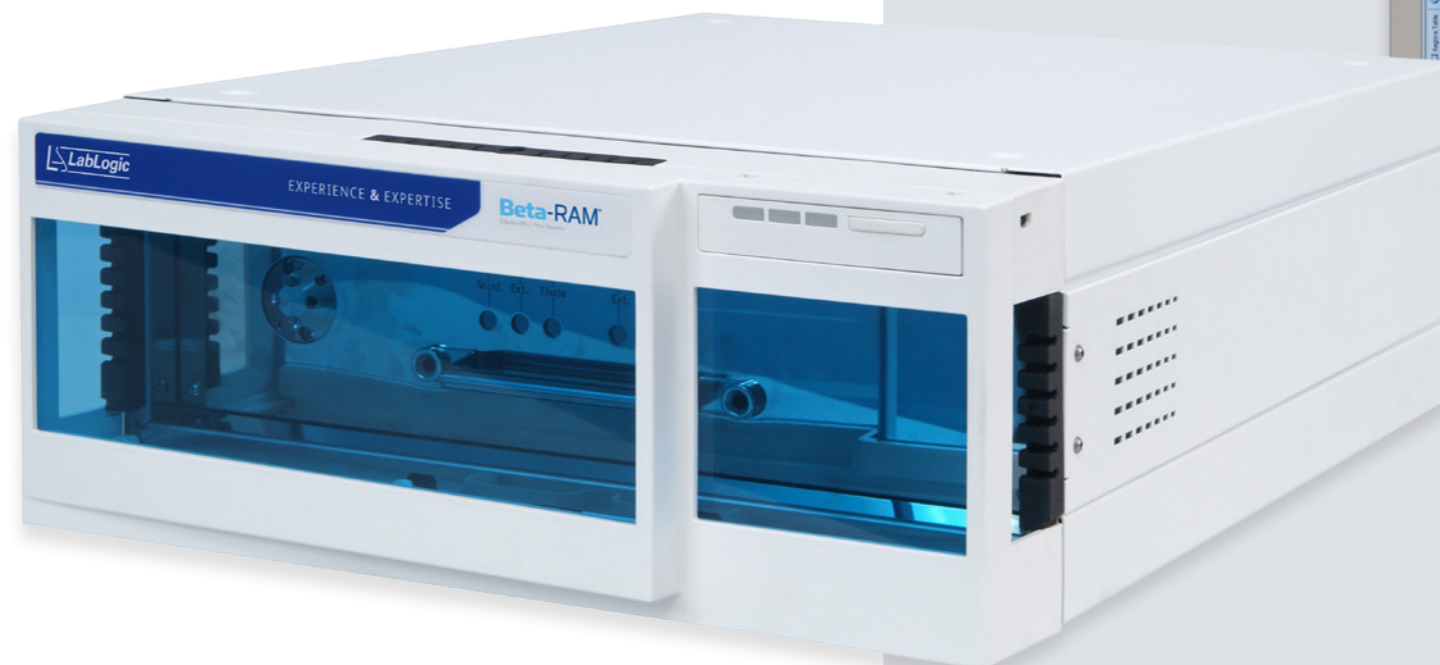
NEW Integrated Liquid Manifold

The compact and integrated liquid manifold handles the liquid distribution and mixing with scintillation cocktail. The manifold is designed to reduce dead volume to the minimum, ensuring excellent peak shape and resolution.

Active Counting Mode

Active Counting Mode allows the system to monitor and adjust run conditions in real-time, dynamically applying the most appropriate settings.

This gives on-line detection limits previously only achieved off-line, as well as improved resolution and peak definition.

Versatility

Counting Mode

The Beta-RAM offers the versatility of either homogeneous counting by mixing with liquid scintillator via the accurate built-in pump or heterogeneous counting with a range of pre-packed solid scintillator flow cells.

Support for UHPLC, Rapid Resolution LC, Fast LC

The latest liquid chromatography technologies require dead volumes, connections and flow control of the scintillation cocktail to be finely managed.

The parameters on the Model 6 are optimised to give superb performance with even the most rigorous LC demands.

Stackable

The Beta-RAM can be easily stacked with HPLC systems; specifically, it has been designed to integrate with the LabLogic Logi-CHROM HPLC stack.

Industry Standard Software

The Beta-RAM is controlled by LabLogic's Laura software, which has been recognised as the industry standard radiochromatography software package for over 30 years. It features connectivity to the world's leading HPLC systems and impressive data analysis.

Laura™
Radiochromatography Data
Collection and Analysis Software

Reliability

With over 30 years of development and used by thousands of researchers worldwide the Beta-RAM, coupled with the industry standard Laura software, continues to lead the way for radiochromatographers.

Basic Specifications	
Size	49 cm (L) x 36 cm (W) x 16 cm (H)
Weight	20 kg
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 complement your internal GLP training records.
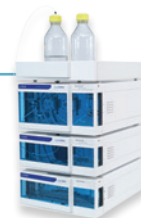
Related Products

Laura™
Radiochromatography Data
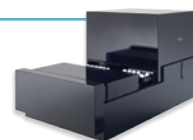Collection and Analysis Software

Logi-CHROM
HPLC Series

Debra™
Metabolism LIMS Software

Hidex **600 SL**
Automatic TDCR Liquid Scintillation Counter

Consumables

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