

Radio HPLC Detector



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► SENSITIVITY

The Beta-RAM offers superb sensitivity with the speed and efficiency of on-line counting. Special functions such as Active Counting Mode and Stop Flow offer the users unrivaled levels of sensitivity and limits of detection.

►► RESOLUTION

The B-RAM uses low dead volume fittings, tubing and mixing components to ensure the best possible resolution between peaks and to retain peak shape. Specially designed flow cells are also used to keep peak integrity. The B-RAM also supports the latest LC techniques such as UPLC, Fast LC, Rapid resolution LC.

►► VERSATILITY

The B-RAM range offers the versatility of either homogeneous counting by admixing with liquid scintillator via the accurate built in pump or heterogeneous counting with a range of pre-packed solid scintillator flow cells. This makes the B-RAM the versatile choice whether you are doing the most sensitive low level metabolism work or high activity preparative HPLC work.

►► FEATURES

►► RESOLUTION

Resolution is a key factor in assessing the suitability of your chromatographic method.

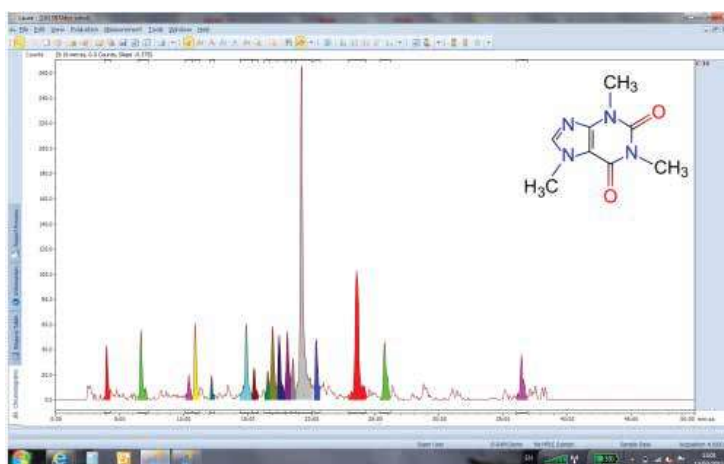
The Beta-RAM has been developed to complement the latest separation technologies such as UHPLC, Fast LC, Rapid Resolution LC.

Great care has been taken with choice of fittings and flow cell design to reduce dead volume and therefore maintain peak shape and integrity.

►► SUPPORT FOR UHPLC, RAPID RESOLUTION LC, FAST LC

New LC technologies bring new challenges for the radio chromatographer, the new Beta-RAM model meets those challenges.

Low dead volume fittings, tubing and mixing components optimized for low flow rates ensure optimum peak shape and definition.



Specially designed flow cells in volumes ranging from 5ul give superb performance under even the most demanding conditions.

The Beta-RAM range has always offered the lowest background and the model 5 improves this even further.

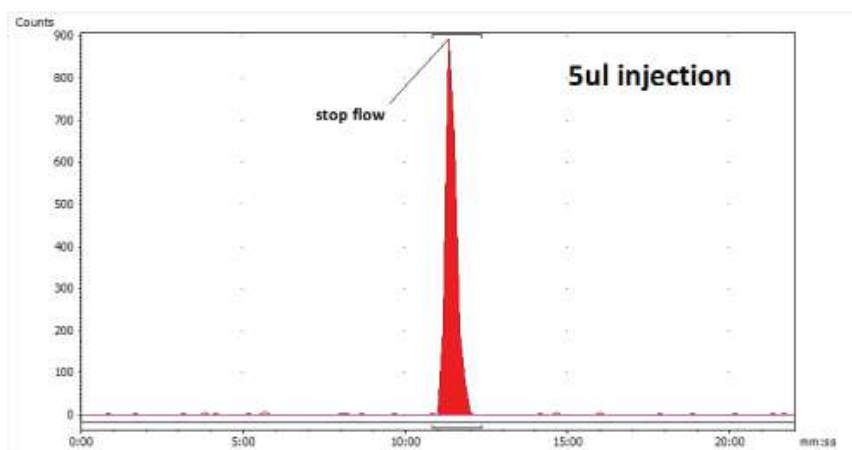
The Beta-RAM also features sub-second update times to ensure the greatest accuracy with the tightest peaks.

►► STOP FLOW

Stop flow replaces the requirement for time consuming and expensive Liquid Scintillation Counting of low level samples.

By optimising the counting time in the detector flow cell, the combination of the stop flow option and Laura software allows the radiochemical measurement to be entirely at the threshold and measurement level required by the user.

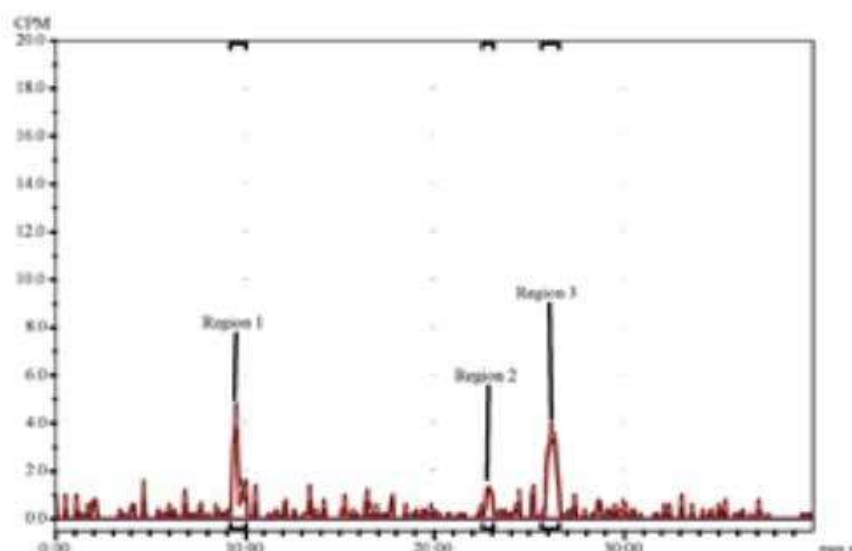
The stop flow mode allows the user to achieve superb levels of sensitivity without the labour intensive, time consuming process of fraction collecting.



►► ACTIVE COUNTING MODE

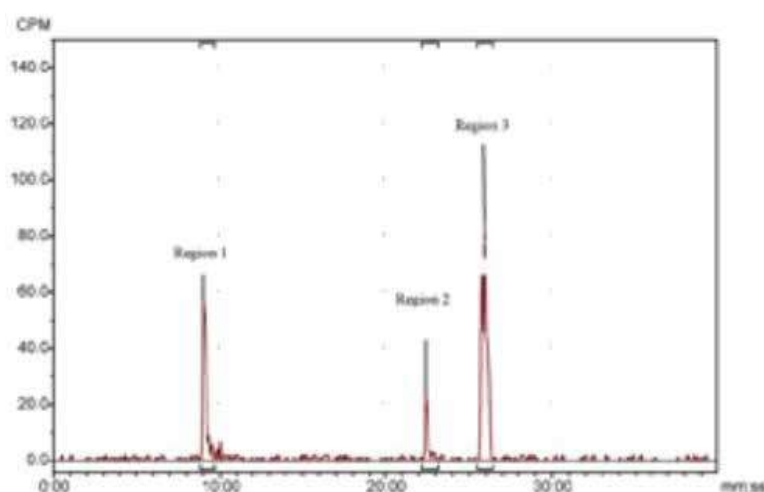
Radio flow detection has traditionally used a variety of static parameters that are applied to the entire run. We are now able to alter the detection characteristics according to a simplified heterodyne model. This allows the system to actively monitor and adjust run conditions in real time, applying the most appropriate settings dynamically.

►► STANDARD FLOW



ACM provides unrivalled limits of detection while keeping run duration the same as a conventional run. This gives on-line detection limits previously only achieved off-line; Improved resolution and peak definition.

►► USING ACM



►► OTHER FEATURES

- USB Interface for control and data collection
- Bluetooth link allows control through a pocket digital assistant
- Improved cell design reduces dead volume
- Sub-second updates for the greatest accuracy with the tightest peaks
- Ergonomic design
- Smallest ever footprint
- Drip tray and leak detection technology

►► RADIOCHROMATOGRAPHY DATA COLLECTION AND ANALYSIS SOFTWARE

Instrument control, digital data collection, analysis and reporting all achieved using the industry standard radiochromatography data system

Software has been the recognised industry standard software for radiochromatography for over 25 years. The latest version of software features control of the world's leading HPLC and radio detector systems to provide a single point of control for the entire radiochromatography analysis.

►► FEATURES

- Scalable solution from stand alone to enterprise level.
- GLP and 21 CFR part 11 compliance options.
- Unique summary table function for data comparison.
- Document management system.
- Automatic peak finder.
- Powerful reporting and analysis tools.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



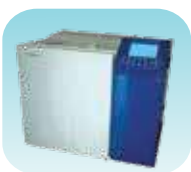
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Spectro 2080+
Double Beam



Infra FTIR



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Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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