

Do you know...

Berthold Technologies has....

Radio HPLC Detectors

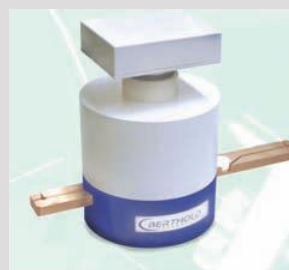
Berthold Technologies first produced a Radio HPLC detector nearly 50 years ago. Improvements have been made over the years in performance of the instrument resulting in the latest "state of the art" detector.

Monitoring of radio-labelled compounds separated by chromatographic techniques has been established as one of the most powerful tools in drug, pesticide, metabolism and pharmacokinetic studies as it provides very high sensitivity and specificity.



LB513 FlowStar

- * High Sensitivity
- * Automatic Cell Detection
- * Isotope Library
- * User Access Control via PC or TouchScreen
- * Multiple Interfaces
- * System safety features



LB500 HERM

Dedicated radio flow monitor for detecting gamma isotopes in high activities.

- * Choice of Operation
- * Twin Cell Changer
- * Downstream Control & Validation



fLumo Luminescence & PET Detector

Flow Monitoring Chemiluminescence and Gamma Isotopes in High Background Labs
The fLumo Chemiluminescence Detector for HPLC and liquid chromatography systems uses a highly sensitive head-on photon counting detector with low background.

Different cell sizes can be used to adapt for flow rates and signal intensities.

The compatibility of the evaluation electronics to external analysis systems is guaranteed.

Applications with our HPLC Detectors

Our latest addition to the publicized applications for the FlowStar LB513 appears in Pharmaceutical Research

[Novel In Vitro-In Vivo Extrapolation \(IVIVE\) Method to Predict Hepatic Organ Clearance in Rat](#)

Also a new publication from the ETH Zurich with ¹⁸F

[Novel synthesis and radiolabelling for the PET imaging](#)

Additional Applications available...

FlowStar LB513

[Applications-](#)

- * Metabolism Studies
- * Development of radiochemicals
- * Pesticide Monitoring
- * PET
- * Plant Research
- * Environmental Research

HERM LB500

[Applications-](#)

- * Cyclic RGD analogs
- * Integrin antagonists
- * Fluoroestradiol
- * Peptides
- * Neurotensin receptor-positive tumors

Download Applications

Various applications are available for each of our instruments.

How do I download application notes?

Please authenticate yourselves for downloads.

Registered Users:

As an already registered user please log in with your username and password

Non-Registered Users:

Option 1: register yourselves and log in thereafter

Option 2: request a temporary download link

When choosing this option we ask you to provide a valid email address to which the documents will be sent. The download session will be kept open for 60 minutes within which you can request additional documents without further identification.

For information on any Berthold product please email bio@berthold.com

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