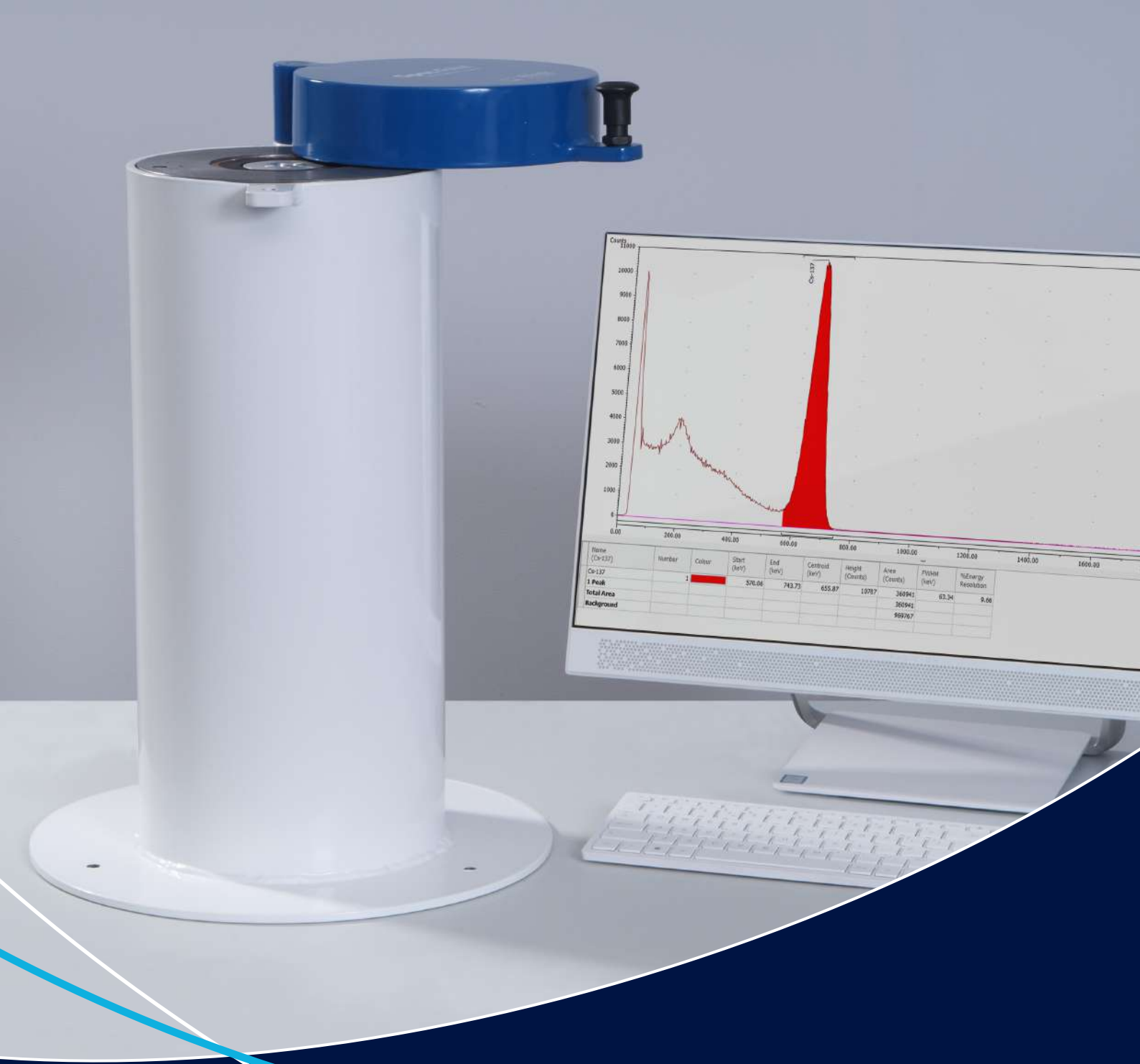


Spec-RAM™

Gamma Spectrometry System

www.**lablogic**.com

LabLogic

EXPERIENCE & EXPERTISE

Designed for Radionuclidic Identity

The ideal solution for spectroscopic analysis of samples with low radionuclidic activity (ascertaining radionuclidic impurities in the sample).

The Spec-RAM™ is a high-performance fully integrated detector and multi-channel analyser solution that contains everything needed to support scintillation spectrometry.

With its simple and intuitive operation, Spec-RAM™ is the perfect solution for radiopharmacies.

User friendly

LabLogic developed the Spec-RAM™ specifically for PET/SPECT application, with a range of features aimed at ensuring the system is user friendly, compliant, safe and reliable.

Flexibility

The Spec-RAM™ is available in four different detector models. The different detectors are interchangeable providing for future proofing should requirements change. Detector models are:

2" x 2" (51 x 51 mm) NaI(Tl) end-on
2" x 2" (51 x 51 mm) NaI(Tl) well-geometry (well dimensions: 16.6 mm dia. x 39 mm)
3" x 3" (76 x 76 mm) NaI(Tl) end-on
3" x 3" (76 x 76 mm) NaI(Tl) well-geometry (well dimensions: 16.6 mm dia. x 51 mm)

Copper Liner

To attenuate the relative remaining background of the lead shield and provide optimum performance.

Lead Shielding

Modular lead shield that can be easily assembled on site.

Lead Shielding Specification	
Weight	138 kg
Lead Thickness	50 mm
Dimensions	521 x ∅ 216 mm

Compliance

As with all LabLogic products, the Spec-RAM™ has been designed to exceed regulatory requirements. Using our industry standard Laura Radiopharma™ software, the Spec-RAM™ ensures regulatory compliance via controlled access and audit trail.

Laura Radiopharma™

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

Audit Trail

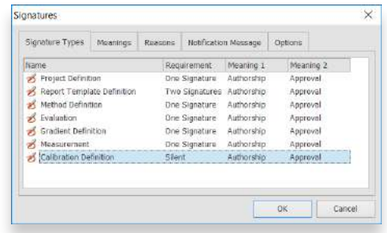
Laura Radiopharma™ has a fully featured audit trail that can again be configured to suit the requirements of the user site. Response from the user can be a simple as choosing from a pre-defined list of standard audit reasons or require a unique response depending on the situation and site rules.

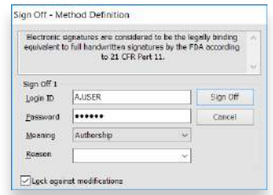
Access Levels

Laura Radiopharma™ features multi-level access control and the system can be configured to have as many levels of access as the user site requires. Menu items are then restricted according to the security level of the individual logged in.

Electronic Signatures

Laura Radiopharma™ supports the use of electronic signatures and the system can be configured to suit the user sites requirements for electronic data.





Data Integrity

Regulatory compliance is an essential feature of Laura Radiopharma™, built to meet GLP/GMP, MHRA and FDA 21 CFR part 212 / 11 requirements. Featuring configurable audit trail, electronic signatures, secure data storage in a database environment and multi-level security Laura Radiopharma™ can be configured to meet regulatory requirements for data integrity.

Security Settings

Laura Radiopharma™ can be configured to suit your particular site requirements for security. User names and passwords can be controlled relative to the site requirements as can inactivity time outs and all other functions required for a secure system.

Common Specifications	
HV Supply	Positive bias from MCA; 600 - 800 Vdc
Operating Temperature	-20 to +65°C
Typical Energy Resolution	7.5% +/- 0.2% FWHM @662 keV
Energy Range	20 keV - 3 MeV
Gain Stability	<1.0% over 24 hours at 20°C
MCA	1024/2048 Channel, selectable

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 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 who have many 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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LabLogic
EXPERIENCE & EXPERTISE

Certificate No: 1535
ISO 9001

INVESTORS IN PEOPLE
We invest in people Gold

Certificate No: 10926
ISO 9001

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