

# LSC+

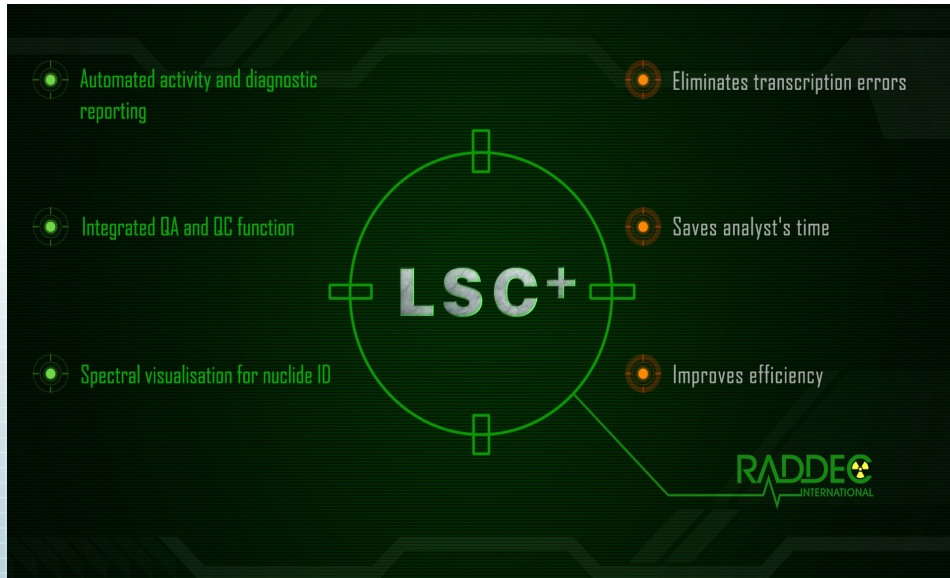
Rapid data processing for LSC

# LSC+

Liquid Scintillation Data Processing Software

Efficient liquid scintillation data storage, processing and quality assurance

LSC+ software has been specifically designed to permit rapid yet accurate processing of liquid scintillation data, minimising transcription errors.



## Key features

- User-friendly interface which guides the user through the process
- Effectively minimises the potential for transcription errors
- Saves hours of analysts' time
- Enhances data quality through integrated quality control functions
- Integrates with Raddec LIMS quality management systems
- Significantly improves data processing efficiency and reduces reporting times

## Specifications and system requirements

<b>Data capture</b>	Capture of raw data directly from instrument data files
<b>Data processing</b>	<p>Review of raw data and rejection of outliers</p> <p>Calculation of activity concentrations directly using data files produced by commercial liquid scintillation counters, eliminating transcription errors</p> <p>Correction of results for counting efficiency (either based on sample quench levels using defined efficiency / quench curves or by entering single efficiency values), chemical recovery and sample mass</p>
<b>Statistical analysis</b>	<p>Statistical analysis of replicate measurements, calculation of counting statistical uncertainties and incorporation of method uncertainties</p> <p>Calculation of critical limits and limits of detection using one of a range of user-selectable approaches</p>
<b>Quality assurance</b>	<p>In-built quality control, comparing measured standard data with user-defined values.</p> <p>Collation of additional supporting quality assurance information (calibration reference, working instruction ID, analyst's name)</p>
<b>Data reporting</b>	<p>Clear summary report</p> <p>Diagnostic reports</p> <p>Summary data can be saved as a .csv file for further processing</p>
<b>Spectral display</b>	Spectral display function where supported by LSC hardware

### Raddec International Ltd

Suite 63, 151 High Street, Southampton SO14 2BT  
 Phone: 07739 898344 or 023 80231667 (Tel & FAX)  
 Email: [sales@raddec-int.com](mailto:sales@raddec-int.com)

