

[RADIANT ASAP]

Rapid Direct Analysis

THE POWER OF KNOWING NOW



Waters
THE SCIENCE OF WHAT'S POSSIBLE.™

When efficiency can't wait

Laboratory services across the spectrum continue to be challenged with providing quality results and shorter turnaround times, in the face of efficiency improvements or increasing competition.

Helping you achieve your goals

Whether you are looking to improve your drug discovery cycle, expand your client services, or simply become more competitive in your turnaround times, integrating direct MS analysis can drive multiple system-wide efficiencies, helping you to achieve your operational goals. Combining flexibility, ease of operation and speed without the need for complex sample preparation, separation or extensive MS experience, RADIANT™ ASAP helps you and your laboratory achieve more.

Compact without compromise

RADIANT ASAP is a novel, dedicated direct analysis system specifically designed for rapid, easy, and low-cost analysis of liquids and solids. Engineered using proven and robust single quadrupole mass spectrometry technology, combined with the Atmospheric Pressure Solids Analysis Probe (ASAP), RADIANT ASAP delivers quality and ease of use in a compact footprint.

Analysis in 4 easy Steps



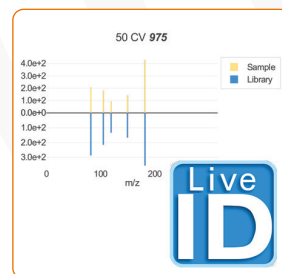
1. Clean the capillary



2. Load sample onto capillary



3. Insert capillary to start acquisition



4. Real-time data visualization

System Benefits

Easy to learn

Automated set up, streamlined workflow, and minimal training requirements ensure users get up and running quickly

Minimal sample prep

Direct sampling onto glass probe

No separation

Minimize the need for solvent use and disposal

Speed

30 second analysis and real-time sample classification



Discover the power of knowing now

Combining the sensitivity and selectivity of mass spectrometry, with simplicity of operation and powerful software capabilities, RADIANT ASAP offers laboratories a flexible tool to provide efficient and competitive services to meet increasing demands. *Knowing now* drives multiple operational efficiencies.

FLEXIBLE WORKFLOW SOLUTIONS

Spectral Library Matching • Authenticity & Adulteration • Reaction Monitoring • Degradation • Quality • Academia

FORENSICS

Rapid triage of seized drug materials

Knowing now with RADIANT ASAP and LiveID ensures crime labs can quickly screen samples against a library of known compounds for rapid, confident identification of illicit drugs. The sensitivity and selectivity of mass spectrometry provides confidence in detecting drugs with an easy, efficient triage workflow.

FOOD & ENVIRONMENTAL

Assess food integrity

The threat posed by food fraud has created additional demands on both the food industry and regulators to protect food consumers and maintain brand reputation. *Knowing now* with RADIANT ASAP and LiveID offers a powerful combination of mass spectrometry and chemometric modelling, which allows users to easily and efficiently screen samples and make quicker decisions.

CHEMICALS AND MATERIALS

Quality control of raw materials

Knowing now with RADIANT ASAP and IonLynx supports QC and Development Labs in the chemical industry to reduce costs and increase efficiencies. Workflows, such as material release testing or formulation performance testing can be streamlined. Features including thermal gradient analysis are ideal for complex samples commonly seen in the chemical industry.

PHARMACEUTICALS

Discovery reaction monitoring

The demand to accelerate the drug discovery and development process has never been higher. *Knowing now* with RADIANT ASAP provides synthetic chemists easy access to mass spectral data for near instantaneous assessment of reaction progress and identification of purification fractions, increasing lab efficiency.

ACADEMIA

Undergraduate teaching and method development

Simplicity and ease of use makes RADIANT ASAP the ideal tool for busy academic laboratories that need a robust and reliable solution.

Flexibility without complexity

MassLynx™

Powerful and flexible instrument control for mass spectrometry applications.

IonLynx™

Designed for the presentation of mass spectra and total ion chromatograms across defined time windows.

LiveID™

Simple real-time sample classification using either spectral library matching or statistical modelling methodologies.



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