

New Products

LC/MS/MS Solution System Packages

Shimadzu LC/MS/MS Method Packages provide fast, simultaneous analytical methods for multiple components in a variety of applications.



LC/MS/MS Method Package for Primary Metabolites

Permits high-throughput analysis of 55 primary metabolites associated with the glycolytic system, TCA cycle, and pentose phosphate pathway as well as amino acids and nucleotides.

LC/MS/MS Method Package for Lipid Mediators

Enables simultaneous analysis of 130 lipid mediators and related compounds derived from arachidonic cascade and its derivatives.

LC/MS/MS Rapid Toxicology Screening System

Features pre-determined analytical conditions, including MRM transitions, LC separation conditions, retention times, spectral libraries, and report files, enabling rapid implementation of a screening method for several classes of substances.

*For Research Use Only. Not for Use in Diagnostic Procedures.

Crude 2 Pure

Purification/powderization after retention and concentration of fractions of target compounds obtained by a preparative LC system



When purifying target compounds from extracts of natural products and synthetic substances via preparative LC, powderization of the target compounds of the fraction is an important process. Ordinarily, it takes time to purify and powderize the target compounds obtained by the preparative LC. It is also difficult to recover high-purity powder.

The Crude2Pure system, which is based on ground-breaking purification methods, provides a new approach that reduces the work of the purification/powderization process after preparation.

Features

- Removing Solvent-derived Components and Recovery of High-Purity Powder
- Fast Powderization of Liquid Fractions
- Setting Samples at Any Time – Open Access –

SPM-8000FM

See the Nano World Come to Life



The new HR-SPM scanning probe microscope uses frequency detection.

This instrument is not only capable of ultra-high resolution observations in air or liquids, but for the first time enables observations of hydration/solvation layers at solid-liquid interfaces. HR-SPM: High Resolution Scanning Probe Microscope

Features

- Uses the FM-AFM method.
- Noise in air and liquids is reduced to 1/20th that of existing methods.
- Achieves the performance level of a vacuum-type SPM, even in air and liquids.