

LC Systems

Nexera-i Prominence-i

i-Series



i-Series — The New Industry Standard

*i*nnovative

— Realization of Advanced Laboratory

Advanced Functions Free Operators from the Laboratory

The ICM (Interactive Communication Mode) feature enables the operator to edit and start analysis methods and batch files directly from the i-Series. This feature minimizes operation in the laboratory.

Remote Monitoring Using a Smart Device

Even when the operator is away from the laboratory, a smart device can be used to check the instrument status or display chromatograms in real time, which increases operator productivity.

Excellent Baseline Stability Unaffected by Circumstances

The UV-visible absorbance detector and photodiode array detector included as standard employ unique dual-temperature control (TC-Optics and flow cell) to provide measurements with a stable baseline hardly affected by room temperature fluctuation.

Ultrafast Injection Cycle Reduces Analysis Times

A 14-second injection cycle maximizes the number of samples that can be processed. Consequently, it provides more than twice the processing speed of previous Shimadzu models and about three times the speed of non-Shimadzu systems.

Ultra-Low Carryover

The ultra-low carryover (< 0.0025%) provides highly accurate analytical results for a wide range of concentrations, particularly when measuring biological samples.

Use of Multiple Detectors Expands Application Range

In addition to the UV-visible absorbance detector or photodiode array detector included as standard, a fluorescence detector or differential refractive index detector can be added. External detectors can also be added using an analog signal input.





intuitive

— Achieving Easier Operation

Unified Graphical User Interface between System and Workstation

Both the LabSolutions analytical window and the i-Series control panel feature user interfaces with a design similar to that of the i-Series flow lines. Users can visually confirm the system status and operate the system, regardless of experience level.

Simplified Batch File Creation

The LabSolutions Quick Batch function allows users to create a batch table with only a drag on the sample rack picture.

Displays Chromatograms in Real Time

The chromatogram real-time monitor allows the user to immediately confirm the success or failure of data, even in a computer-less laboratory environment.

intelligent

— Smart Features Increase Work Efficiency

Fully Automated Analysis: Reliably Perform Analyses According to Prescribed Procedures

The system fully automates standard operating procedures (SOPs), from system startup to shutdown after analysis, including automatic system suitability test determination and reporting of results.

Migrate Existing Methods from Either Shimadzu or Non-Shimadzu Systems

The optimized system capacity ensures that analytical methods developed for non-Shimadzu systems or our older LC-2010 series systems can be migrated to the i-Series. In addition, it offers dramatically improved analysis reliability and stability.



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