

Press Release

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Shimadzu Launches 4th Generation i-Series

Sustainability in Every Peak: High Performance, Low Footprint

Shimadzu, a world leader in analytical instrumentation and testing equipment, introduces the new i-Series, the fourth generation of its compact HPLC and UHPLC systems. Building on years of proven performance, this innovative platform combines smart technology with sustainable design to deliver faster results, lower energy consumption, and fewer interruptions. From startup to final readout, laboratories can rely on the i-Series for confidence in every run.

The i-Series integrates advanced analytical intelligence, featuring automated diagnostics and error prevention to minimize downtime and ensure smooth operation. At the same time, Shimadzu's commitment to sustainability is evident throughout the i-Series design: it reduces energy consumption by 21.5 percent, incorporates 73 percent recycled materials, and uses bio-based packaging. Designed for convenience, it offers 60 percent faster installation, longer-lasting consumables, and minimal maintenance, making it an ideal solution for laboratories seeking efficiency and environmental responsibility.

Key Features of the New i-Series Systems

- Combine analytical intelligence with eco-friendly design for faster results and fewer interruptions.
- Reduce energy consumption by 21.5 %, use 73 % recycled materials, and bio-based packaging.
- Offer 60 % faster installation, longer-lasting consumables, and minimal maintenance.

Since its release in 2014, the original i-Series liquid chromatograph has achieved sales of over 40,000 units. It combines superior basic functions and high-speed analysis in a compact table-top system, and its excellent usability significantly reduces the burden on the operators. These features have led the i-Series to be adopted worldwide for quality control, specification testing and R&D purposes in a wide range of fields such as food and environmental science, chemistry and particularly in the pharmaceutical industry.

Web Summary

Shimadzu introduces the new i-Series, the now fourth generation of compact HPLC and UHPLC systems. Combining analytical intelligence with eco-friendly design, it delivers faster results, lower energy usage, and overall fewer interruptions. Sustainability features

include 21.5 % less energy consumption, 73 % recycled materials, and bio-based packaging, while usability improvements offer 60 % faster installation, longer-lasting consumables, and minimal maintenance.



Figure 1: Shimadzu's new i-Series system

Web link: www.shimadzu.eu/sustainability-in-every-peak



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