

Thermo Fisher launches new automated sample purification system

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The Thermo Scientific KingFisher Presto sample purification system will debut at MipTec 2016, the International Life Science Exhibition, within booth C40 in Basel, Switzerland.

The Thermo Scientific KingFisher Presto system is designed to be part of an automated workflow using a liquid handler with a gripper or robot arm to purify samples with volumes from 50µL to 5mL. The instrument's small footprint allows for easy connection to several liquid handling instruments in either a side-by-side or on-deck configuration, allowing flexible selection of platform and use for a wide variety of applications.

Stackable, polypropylene KingFisher plates and tip combs are designed to be placed by a robotic arm and suitable for many biological applications, including projects that require a sterile environment.

"Built for high-throughput, highly automated labs requiring a robust, easy to use solution, the KingFisher Presto system provides reliable purification of DNA, RNA and proteins," said Ray Mercier, vice president and general manager of liquid handling consumables at Thermo Fisher Scientific. "An extension of trusted KingFisher technology, the system uses magnetic particle technology to integrate seamlessly into a variety of workflows, which greatly reduces hands-on time - saving lab resources and money."

The KingFisher Presto automated sample purification system allows users to choose between 24- and 96- head magnets, depending on the volume and throughput requirements.

Thermo Scientific BindIT software accompanies the KingFisher Presto system for protocol development, allowing users to create and modify their protocols and import Invitrogen and Applied Biosystems nucleic acid and protein purification kits.