



REVOLUTIONIZE YOUR LAB WORK:

Introducing the Compact and Portable Autosampler for the Axcend Focus LC®

Axcend's revolutionary line of eco-friendly, compact, and portable HPLC instruments and accessories is engineered to deliver excellent performance and repeatability in a sustainable, flexible format. Our mission is to Bring the Lab to the Sample™ and lead the future of green chemistry through end-to-end compact solutions for your separation and detection challenges.

AutoFocus™ Autosampler

Axcend's AutoFocus autosampler allows automated and unattended introduction of multiple standards and samples to the Axcend Focus LC for separation and analysis. Designed for effortless operation and maintenance, AutoFocus offers excellent performance, making it the ideal autosampler for unattended analyses.

AutoFocus delivers a sample directly to the injection valve on the Focus LC, which ensures minimal extra-column volume. This design ensures the highest level of chromatographic fidelity possible by reducing human error and variability, and maintains the optimized Focus LC flow path.

Programmable injection and wash routines can be pre-set, and built-in protocols automate routine tasks. Integration with the Axcend FocusAnalyze™ allows workflow-driven analyses through step-by-step dialogs, enabling fully automated instrument calibration and sample runs - even for operators without extensive chromatography experience.



Key Features

- 🎯 **High-Precision Injection:** Built to withstand rigorous use, the AutoFocus™ delivers reliable performance day in and day out, ensuring consistent and precise sample injections every time.
- 💧 **Low Carry-Over:** Minimize sample cross-contamination with a fluidic design that optimizes the system flow path and employs a thorough needle-washing system.

🔗 **Flexible Sample Formats:** The AutoFocus can handle up to 40 2 mL vials, and standard 96 well plates.

🌡️ **Optional Temperature Control:** Maintain sample integrity with our thermostat feature, capable of controlling vial temperatures down to 8°C (at ambient temperature of 24°C).

🗨️ **User-Friendly Interface:** Intended to minimize training and operator work, a user can configure and operate AutoFocus with ease. User dialogs guide operators through tasks efficiently and accurately.

Technical Specifications

Sample Plate/Capacity	40 x 2 mL vials; 96 well plates
Injection Cycle Time	<30 secs
Injection Volume Precision	<0.25%
Injection Volume Range	0.1 to 50 µL (> with multiplex loading)
Voltage	100 to 240 V
Weight	14.5 lbs
Carryover	<0.02%
Electrical compliance	Low voltage (24V)
Communication	USB

Applications

The low-flow AutoFocus autosampler is ideal for a wide range of applications, including:

- Pharmaceutical Analysis
- Environmental Testing
- Food and Beverage Quality Control
- Clinical Research
- Chemical Manufacturing

Compact. Portable. Lab-Ready.

The Axceed Focus LC® in conjunction with the AutoFocus autosampler utilizes patented and miniaturized technology that provides a high level of sensitivity, separation power and simplicity. The Focus LC is available with a range of UV-LED and Compact Deuterium options, as well as the Axceed FocusArray™ Full Spectrum Detector. Fluidic connections are made easily to Axceed's award-winning heated oven cartridge that houses the separation column. The system is compatible with capillary columns from vendors across the industry, providing immense application flexibility. AutoFocus sits neatly on top of the Axceed Focus LC to minimize instrument footprint and enable mobile use.



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