



M80

Automatic High-Throughput Parallel Concentrator

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LabTech Group

M80 Automatic High-Throughput Parallel Concentrator

The M80 Automatic High-Throughput Parallel Concentrator is a high-efficiency, fast evaporation system designed for rapid sample concentration through water-bath heating and nitrogen blowing. Equipped with a color touchscreen controller, it supports up to 80 samples simultaneously, making the tedious concentration process simple and efficient.



Applications & Industries



Food

Detection of veterinary drugs, pesticide residues, and food additives in food samples such as grains.



Agricultural Products

Analysis of pesticide residues in crops (e.g., tea leaves) and oil content in seeds.



Environmental Protection

Enrichment of semi-volatile organic pollutants in soil, solid waste, and air samples, including OCPs, PAHs, and PCBs.



Pharmaceuticals

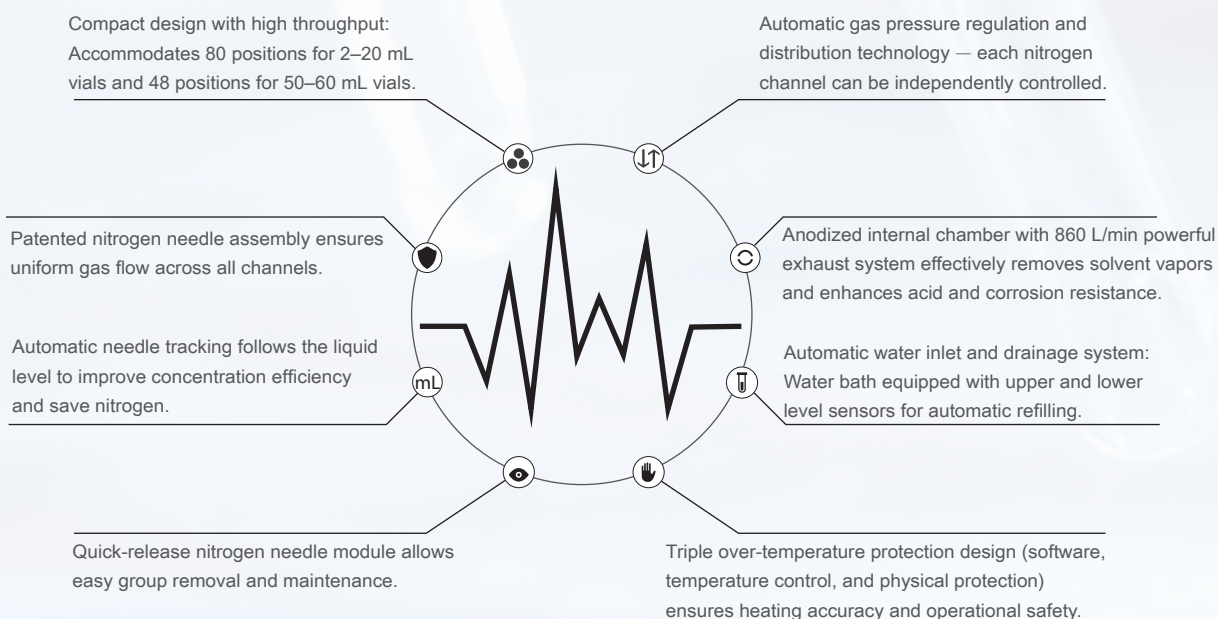
Determination of pesticide residues and mycotoxins in traditional Chinese medicine.



Petrochemical

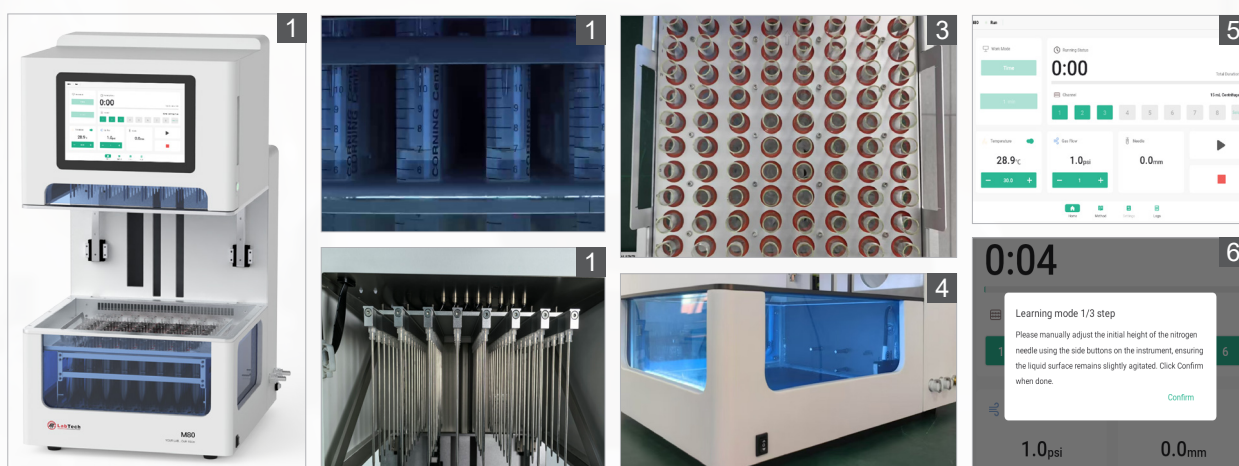
Enrichment of various organic compounds such as gasoline, diesel, and lubricants.

Product Features



Performance Advantages

1	More Precise Needle Descent Control	The nitrogen needles descend automatically, linearly, and at a constant speed, maintaining the optimal distance throughout the entire process. This ensures higher concentration efficiency, reduced nitrogen consumption, and improved recovery rates.
2	Supports Gradient Pressurization Mode	Equipped with a gradient nitrogen pressurization function, supporting linear pressure increase. This allows simultaneous concentration of samples with different volumes, solvents, and vial types, meeting diverse user needs.
3	Simplified Method Editing	Features intelligent rack recognition, capable of identifying rack type, position count, and vial volume. Concentration methods are automatically matched based on the rack in use, making method setup and editing faster and easier.
4	Enhanced Visibility	Three-sided fully transparent design provides unobstructed observation with no blind spots.
5	Android-Based Control System	Operated via an Android touchscreen interface with a 10.1-inch color display, offering an intuitive and user-friendly experience.
6	Intelligent Learning Mode	The built-in Intelligent Learning Mode assists users in quickly developing and optimizing new methods, greatly enhancing experimental flexibility and efficiency.



Integrated SPE and Concentration Solution for Efficient Residue Analysis in Food and Veterinary Samples
 Universal Sample Racks — enable seamless sample transfer for a complete, one-stop process from extraction to concentration.



SPE2000 Automatic Solid Phase Extractor



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