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TECHNOLOGY GROUP

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Find the *Thermo SpectraSYSTEM AS3000* at our website: *Click HERE*

Product Specifications

The Thermo Scientific SpectraSYSTEM™ AS3000 Autosampler provides high-performance automatic sampling at entry level pricing. Configuration flexibility includes fixed volume injection, variable volume injection, and column oven.

SpectraSYSTEM AS3000 Autosampler

For automatic routine sampling



- Complete ROHS compliance
- Micro-robotic operation
- 120-vial capacity with random vial access
- Re-use of calibration standards
- PC-based control available
- Numerous integrated options available
- Optimum sensitivity and selectivity with Thermo Scientific columns

Variable-volume Injection Autosampler

The AS3000 provides outstanding performance and maximum flexibility in an LC sample processing system. This autosampler offers 120-vial capacity, multiple injection modes, random vial access, re-use of calibration standards, and priority sampling.

Column Oven

The column oven provides complete control of the column and injector temperature for increased separation efficiency and reproducibility.

ChromQuest™ Chromatography Data System

Thermo Scientific ChromQuest offers maximum flexibility and efficiency in setting up and maintaining the performance of chromatography instruments. ChromQuest protects your results by ensuring data traceability and integrity with enhanced security features and electronic documentation. Sophisticated analytical tools facilitate high sample throughput and powerful data processing for liquid chromatography. ChromQuest maximizes laboratory efficiency with project management for information storage and transfer. Along with accelerating data analysis and results generation, ChromQuest uses robust integration, flexible calibration routines, and advanced spectral analysis tools that help avoid the unexpected.

Certification and Qualification Services

Every pump is tested at the factory prior to shipment to ensure that it meets or exceeds performance specifications. A Declaration of Conformity (DC) accompanies each pump and documents test results. On-site field testing (optional) qualifies system performance.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

Injection Precision
< 0.5% RSD @ 10 µL

Injection Volume
0.1–100 µL injections standard up to 1500 µL injections with larger loops and syringe

Sample Carryover
Typically < 0.01% at 400 µL flush volume

Minimum Sample Volume
1 µL can be injected from 10 µL

Needle Height
Programmable in 0.1 mm increments

Column Oven
20–80 °C in 1 °C increments, starting at 5 °C above ambient

Method Files
Protected in non-volatile memory

Communications
Remote Inputs
Pump Ready, Inject Hold
Outputs
Pump Stop, Autosampler Ready, Gradient Start, Inject
Four timed event outputs
RS-232C

Ambient Environment
10–40 °C, 5–95% relative humidity (non-condensing)

Dimensions
37 × 41 × 51 cm (H × W × D)

Weight
16 kg standard; 24 kg with all options installed

Power Requirements
100/120/220/240 VAC nominal; 50 to 60 Hz

Product Certification
TUV CUS
TUV CE Mark
FCC (EMI)

Ordering Information

Part Number	Description
60053-60142	AS3000 Variable Volume Autosampler
A4954-010	Autosampler Vial Kit (100 1.8 mL vials)
60053-60138	SN4000 System Controller
CHROM-64510	ChromQuest 5.0 Full Install
00109-01-00007	Hypersil GOLD™ Column, 100 x 4.6 mm, 3 µm
A5765-073	SpectraSYSTEM Accessory Rack

Fisher Scientific
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