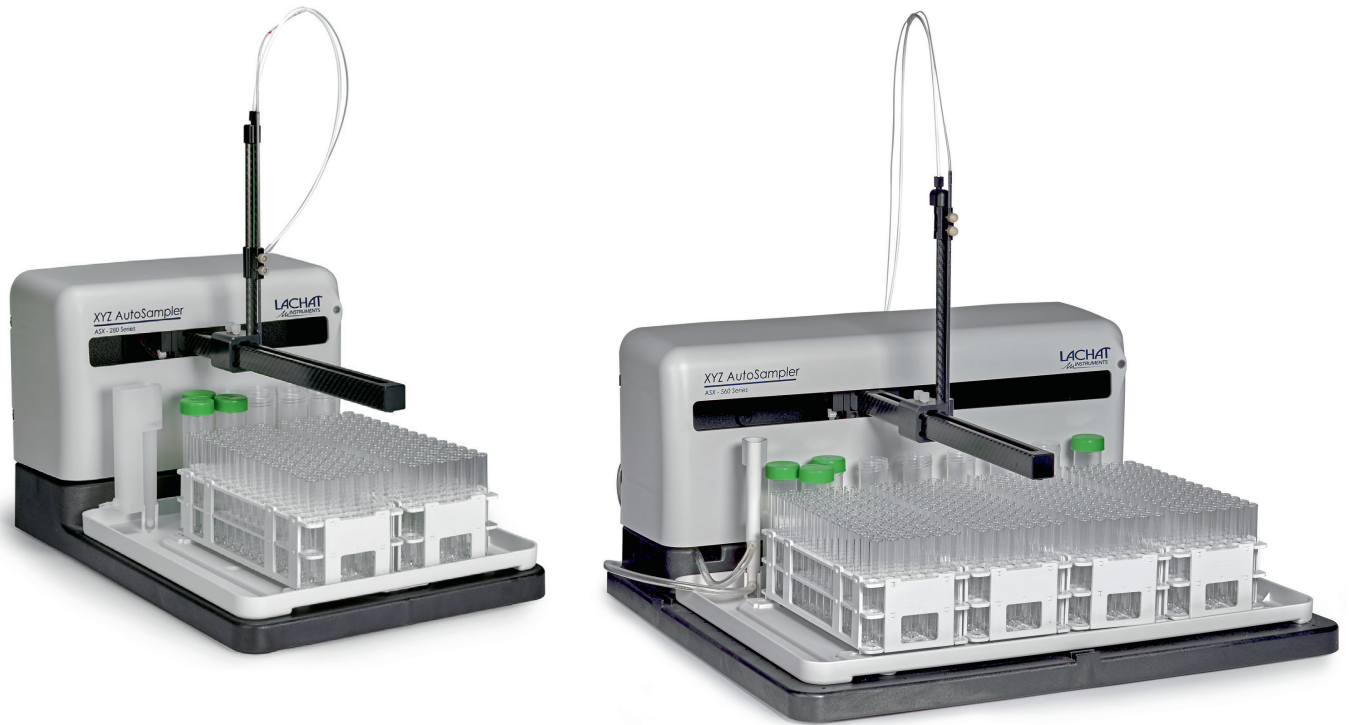


ASX280/560 SERIES AUTOMATED SAMPLERS



Automated Analysis - The Next Generation

Lachat Instruments' autosamplers, the new ASX280 Series and ASX560 Series, fulfill all your large- and small-scale automated sampling needs and include a two year warranty.

CARBON FIBER SINGLE PROBE... STANDARD! Inert material to cover your sample and matrix needs plus reduced carryover!

Accuracy

Automated sample probe arm and stationary sample racks virtually eliminate errors. Integrated rinse station reduces sample contamination and carryover.

Durability

Injection-molded parts for improved chemical compatibility.

Adaptability

A compact, portable design leaves a small footprint. The flexible rack configuration accepts five different rack sizes, including ready-made sample racks. The samplers are also compatible with Lachat's Precision Dilutor System (PDS200) autodilutor.

Simplicity

Easy set-up and operation.

Flexibility

Add up to four autosamplers for differing matrices, higher throughput, and optimizing performance of different analytical techniques (Flow Injection Analysis and/or Ion Chromatography) to truly maximize the performance of your instrument.

Technical Data*

	ASX280 Series	ASX560 Series (also available with peripump)
Dimensions (H x W x D)	620 mm (24.4") with sample probe x 355 mm x 550 mm	620 mm (24.4") with sample probe x 580 mm x 550 mm
Weight	17.86 lbs. (8.1 kg)	25.79 lbs. (11.7 kg)
Capacity	2-rack capacity for sample racks: Both 90-position racks (sample cup volume: 10 mL) and 60-position racks (sample cup volume: 15 mL) included with sampler 10-position standards rack (sample cup volume: 50 mL)	4-rack capacity for sample racks: 90 position racks standard (sample cup volume: 10 mL) 60-position racks available upon request (sample cup volume: 15 mL) 16-position standards rack (sample cup volume: 50 mL)
Wash bath	Recirculating	Recirculating
Warranty	2 years	2 years
Sample probe	Inert, carbon fiber probe is standard. Dual probe (non carbon fiber; for use with the PDS200 Diluter) available on request.	Inert, carbon fiber probe is standard. Dual probe (non carbon fiber; for use with the PDS200 Diluter) available on request.
Power requirements	100 - 240 V AC, 47 - 63 Hz, 1.9 A	100 - 240 V AC, 47 - 63 Hz, 1.9 A

Note: The samplers require Omnion 4.0 Software (version 4.0.16 or higher).

**Subject to change without notice.*

Order Information

ASX280 Series

A58125 ASX280 Autosampler, 90-position rack, 115 V

A58225 ASX280 Autosampler, 90-position rack, 220 V

Both models include: Serial control cable and USB cable (virtual COM port), tubing kit for ASX Samplers, tubing kit for ASX Samplers, 16 mm x 100 mm sample tubes (pkg. of 500), 13 mm x 100 mm sample tubes (pkg. of 500), 50 mL sample tubes w/caps (pkg. of 10), 2x 60-position racks, 16 mm size, 2x 90-position racks, 13 mm size

ASX560 Series (also available with peripump)

A85142 ASX560 Autosampler, 90-position rack, 115 V

A85242 ASX560 Autosampler, 90-position rack, 220 V

A58114 ASX560 Autosampler, with peristaltic pump, 90-position rack, 115 V

A58214 ASX560 Autosampler, with peristaltic pump, 90-position rack, 220 V

The four models include: Serial control cable and USB cable (virtual COM port), tubing kit for ASX Samplers, 13 mm x 100 mm sample tubes (pkg. of 500), 50 mL sample tubes w/caps (pkg. of 16), 4x 90-position racks (13 mm size)

Additional rack sizes and sample tubes are available for ASX500 models.

The ASX280 and ASX560 Autosamplers are compatible with the PDS200 Autodilutor.

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