

ASX-500 SERIES

Random Access Intelligent Autosamplers

With well over 10,000 systems operating in laboratories worldwide, this has become known as the work horse in many industries and laboratories. The simple design allows for endless operation and unprecedented performance. The ASX-500 series is ideal for a wide range of analytical techniques including AA, ICP, ICP-MS, TOC, UV-VIS, fraction collection, liquid handling, and more.

SIMPLE

Easy Set-Up and Operation: Out-of-the-box set-up allows a fully operational system the day of delivery.

Internet Accessible Firmware: Downloadable firmware from the Internet simplifies the reprogramming process.

ROBUST

Corrosion Resistant: Sealed electronics chassis, conformal coated electronic boards and coated main driver screw protect against the harshest of chemical environments.

Superior Material Construction: Inert, metal-free PTFE and PEEK liquid flow path decreases sample contamination risk and prolongs the life of the instrument.

Motor Torque: Powerful X, Y, Z axis movement resists effects of environmental buildup.

ADAPTABLE

Portable: Over 75 host instrument interfaces from 35 manufacturers enable multiple applications in a single lab.

Flexible Rack Configuration: Five different available rack sizes from 90 x 7 mL to 21 x 50 mL. Compatible with other standard market, ready-made sample racks. Customized racks made to customer specifications.

ACCURATE

Never Misses a Cup: Precision engineered automated sample probe arm and stationary sample racks virtually eliminate errors.

Auto-Zero Feature: Intelligent sample probe re-homing device dramatically reduces accidental sample intake errors.

Integrated Rinse Station: Continuous flow sample probe rinse station with peristaltic pump minimizes sample contamination and carryover.

COMPACT

Space Saving Design: Small footprint enables the autosampler to be placed in front, on top, or next to the host instrument, freeing up valuable laboratory bench space.

Technical Specifications

	ASX-130	ASX-260	ASX-520	ASX-520 HS	EXR-8
Height	61 cm (24")	61 cm (24")	61 cm (24")	61 cm (24")	61 cm (24")
Width	33 cm (13")	33 cm (13")	52 cm (20½")	52 cm (20½")	95.2 cm (37½")
Depth	33 cm (13")	50.8 cm (20")	48.2 cm (19")	48.2 cm (19")	53.3 cm (21")
Weight	8.4 kg (18.5 lbs)	8.4 kg (18.5 lbs)	10.5 kg (23 lbs)	11 kg (24.3 lbs)	19.5 kg (42 lbs)
Tray	1 rack capacity	2 rack capacity	4 rack capacity	4 rack capacity	8 rack capacity
Communication	5 auxiliary outputs and 5 inputs – RS-232, USB, direct control and IEEE-488 option				
Power	100 - 240 VAC +/- 10%, 50/60 Hz				
Options	Clean Enclosure (ENC-500); Sample Dilutor (SDS-550); Online AutoDilutor (ADX-500); ASXPRESS™ rapid sample introduction system				
Warranty	2 year limited				



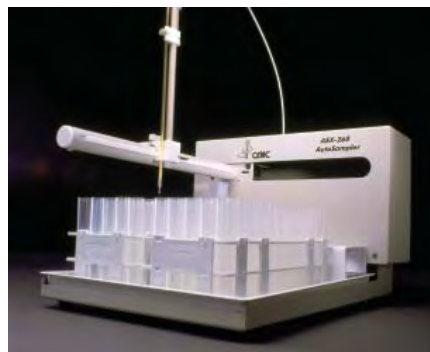
ASX-130 Compact Autosampler

Ideal for low to medium sample volume applications, this small and efficient autosampler provides all of the features of a CETAC Autosampler in a compact, single rack version to preserve precious laboratory bench space.



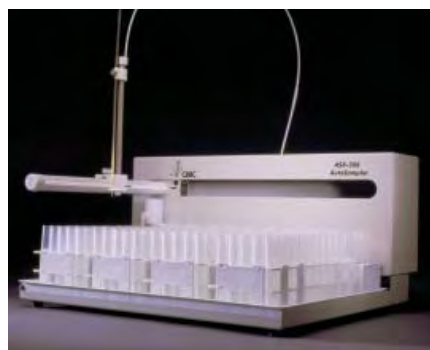
ASX-260 Compact Autosampler

Positioned between the ASX-130 and the ASX-520, this autosampler compresses all of the features of the larger CETAC Autosampler into a smaller two-rack design ideal for low to medium sample volumes while saving laboratory bench space.



ASX-520 Rugged Autosampler

Our flagship autosampler which has become known as "The Standard" for many industries and laboratories. This fully automated sample introduction system is ideal for medium to high sample volume applications.



ASX-520HS High Speed Autosampler

Built for sample throughput, the ASX-520HS is ideal for high volume sample applications where throughput is critical while retaining all the features that make CETAC Autosamplers the industry standard. Travel speed is reduced to ~4 seconds per sample.



EXR-8 Extended Rack Autosampler

A fixed tray and moveable autosampler increases sample capacity to 720 samples for long, unattended sample runs, while reducing valuable bench space requirements. Can be used with the ASX-510, ASX-520, or ASX-520HS.

