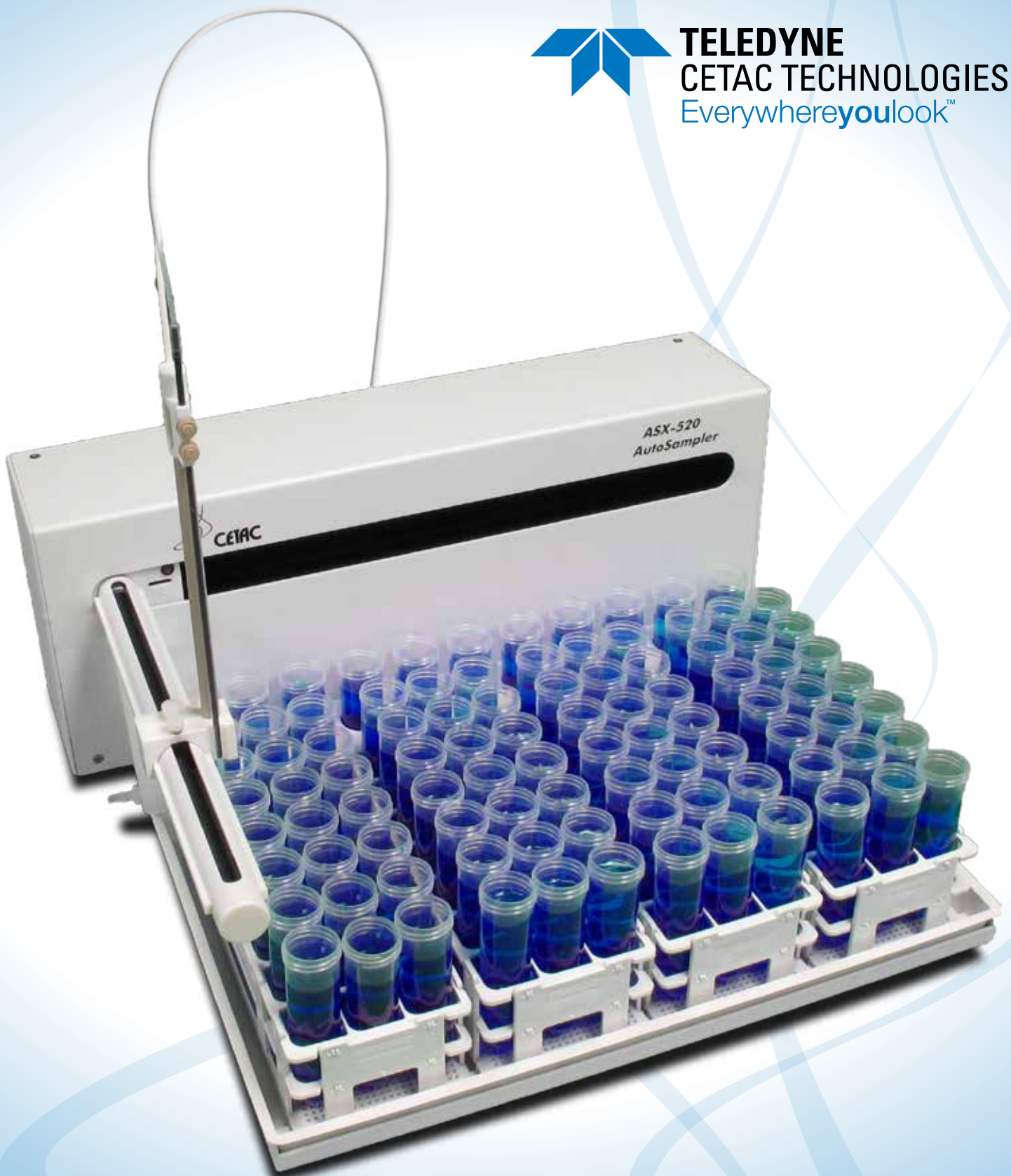




TELEDYNE
CETAC TECHNOLOGIES
Everywhereyoulook™



ASX-500 series

Random Access Intelligent Autosamplers



ASX-500 Series Autosamplers

The platform that started it all, CETAC Automation responded to customer demand in 1993 and delivered the ASX-500 platform. With well over 15,000 systems strong and growing each year, 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 platform is highly customizable for a wide range of automation applications, including AA, ICP, ICP-MS, TOC, UV-VIS, HPLC, FIA, GPC fraction collection, liquid handling, and more.

Size That Fits

The ASX-500 platform is offered in 4 sizes. Platform design allows the height, depth and tray requirements to easily be modified to fit your application.

Custom formats also available.



Communications

CETAC offers a flexible array of interface options to accommodate your application. CETAC has the experience of completing over 100 host instrument interfaces from over 50 manufacturers.

- 5 Input/5 Output
- RS-232/RS-485
- USB
- Custom



Rack Options

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.



Technology That Fits

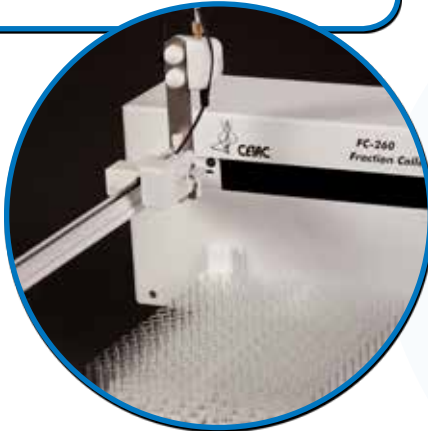
Syringe Pumps

Accommodates multiple syringe pumps and a wide range of available syringes with volumes from 12.5 μ l to 25 mL.



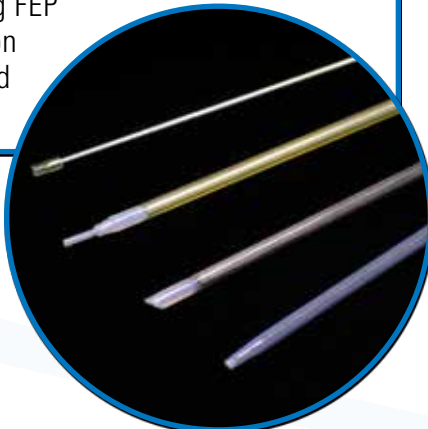
Fraction Collection

The ASX-500 platform is able to be configured for fraction collection.



Sample Probes

A wide selection of sample probes from which to choose, including FEP encapsulated carbon fiber and glass lined stainless steel.



Simple

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

Internet Accessible Firmware: Instant access to the latest downloadable firmware updates.

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 liquid flow path decreases sample contamination risk and prolongs the life of the instrument.

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

Accurate

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

Auto-Zero Feature: Intelligent sample probe re-homing ensures accurate and repeatable probe positioning.

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

Technical Specifications

ASX-130 Compact Autosampler

Height	61 cm (24")
Width	33 cm (13")
Depth	33 cm (13")
Weight	8.4 kg (18.5 lbs)
X-Axis	22.2 cm (8.75")
Y-Axis	12.7 cm (5.0")

**allow additional space for cables*



ASX-260 Versatile Autosampler

Height	61 cm (24")
Width	33 cm (13")
Depth	50.8 cm (20")
Weight	8.4 kg (18.5 lbs)
X-Axis	22.2 cm (8.75")
Y-Axis	29.0 cm (11.4")

**allow additional space for cables*



ASX-520 Rugged Autosampler

Height	61 cm (24")
Width	52 cm (20½")
Depth	48.2 cm (19")
Weight	10.5 kg (23 lbs)
X-Axis	40.9 cm (16.1")
Y-Axis	27.0 cm (10.6")

**allow additional space for cables*



XLR-8 Extended Rack Autosampler

Height	66 cm (26")
Width	100 cm (39")
Depth	51 cm (20")
Weight	21 kg (46 lbs)
X-Axis	81.8 cm (32.2")
Y-Axis	27.0 cm (10.6")

**allow additional space for cables*



Speed

Axis	Min	Max
X	70 mm/sec	370 mm/sec
Y	70 mm/sec	340 mm/sec
Z	70 mm/sec	430 mm/sec

Autosampler Control Utility

SpeedShift configuration tool for control of axis and rinse pump speeds

Communication Interface

2 Serial (RS-232) ports;
 USB (virtual COM port);
 5 auxiliary inputs / 5 outputs

Power Requirements

100-240 VAC, 47-63 Hz, 1.9A

Options

Clean Enclosure (ENC-500);
 Offline Sample Dilutor (SDS-550);
 Online AutoDilutor (ADX-500);
 ASXPRESS® PLUS Rapid Sample Introduction System