

ASX-560 Autosampler



Perfecting the Standard

More features and improved performance define the next generation of autosampler from Teledyne CETAC Technologies. The ASX-560 Autosampler builds upon the reliability of the ASX-520 with latest generation electronics, improved accessory interfaces, enhanced pumping capabilities, easier serviceability and a sleek new design!

The ASX-560 keeps the durable features of the ASX-520 before it, which has proven its worth in tens of thousands of laboratories and countless hours of operation. The enhanced features of the ASX-560 mean that it is ready to tackle an even wider range of analytical techniques and environments, including AA, ICP, ICP-MS, TOC, UV-VIS, fraction collection, liquid handling, and more.



ASX-560 Autosampler

Proven Reliability, Improved Performance and Longevity



- Durable, reliable – 2 year warranty
- Optional dual rinse station
- Better chemical compatibility
- Improved pumping and movement
- Refined and configurable XYZ movement
- Dust Cover Enclosure (optional)

Technical Specifications

Dimensions:

Height*	62 cm	(24")
Width	58 cm	(22.8")
Depth†	56 cm	(23.5")

*with sample probe
† allow additional space for cables

X-Axis: 42.0 cm (16.54")

Y-Axis: 30.0 cm (11.81")

Z-Axis: 15.5 cm (6.10")

Pump: 0 – 80 mL/min

Weight: 11.7 kg (26 lbs)

Tray: 4 rack capacity

Speed:

Axis	Min	Max
X	100 mm/sec	330 mm/sec
Y	73 mm/sec	411 mm/sec
Z	164 mm/sec	476 mm/sec

Autosampler Control Utilities

Autosampler Configuration tool for control of XYZ and pump

Firmware Updater Utility

IQ/OQ and Log Extractor Utilities

Communication Interface

2 Serial (RS-232) ports

USB (virtual COM port)

Power Requirements

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

Options

SimPrep Simple Automated Prep System

SDX_{HPLD} High Performance Liquid Dilution System

ASXPRESS[®] PLUS Rapid Sample Introduction System

ENC-560DC Enclosure

Advanced Mechanical Design

- Injection molded parts
 - Better chemical compatibility
 - Improved high resolution applications
- Improved pump technology
 - Quieter
 - Easier tubing replacement options
 - Expanded flow capabilities, 0.1 – 80 mL/min (Conserve expensive rinse solution)
- Improved serviceability and accessory interfaces
- Dual rinse station

Advanced Electronics

- Improved movement profile
 - Quieter
 - Refined and configurable XYZ movement
 - Expanded movement speed options
- Higher resolution positioning
 - Improved accuracy
 - Active resonance control
- Electronic home position alignment
- Improved firmware and configuration utilities
- Backward compatible communications
 - Seamless upgrade path
- Proven technology for reliable performance