

ASX-280 Compact Autosampler



Perfecting the Standard

More features and improved performance define the next generation of autosampler from Teledyne CETAC Technologies. The compact ASX-280 Autosampler builds upon the reliability of its predecessors with latest generation electronics, improved accessory interfaces, enhanced pumping capabilities, easier serviceability and a sleek new design!

The ASX-280 keeps the durable features of prior Teledyne CETAC autosamplers which have proven their worth in tens of thousands of laboratories and countless hours of operation. The enhanced features of the ASX-280 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-280 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	36 cm	(14")
Depth†	55 cm	(21.5")

*with sample probe
† allow additional space for cables

X-Axis: 22.2 cm (8.74")
Y-Axis: 30.0 cm (11.81")
Z-Axis: 15.5 cm (6.10")
Pump: 0 – 80 mL/min
Weight: 8.1 kg (17.8 lbs)
Tray: 2 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

Serial (RS-232) port
USB (virtual COM port)

Power Requirements

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

Options

SimPrep Simple Automated Prep System
ASXPRESS® PLUS Rapid Sample Introduction System
ENC-280DC Dust Cover 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 allows for 96-well plates
 - Active resonance control
- Electronic home position alignment
- Improved firmware and configuration utilities
- Backward compatible communications
 - Seamless upgrade path
- Proven technology for reliable performance