

microDX Autosampler

The microDX is designed for handling micro volume samples (500-1000 μ L), while maintaining the flexibility of all DX autosamplers sampling up to 125 mL bottles. The durable and integrated automation system provides expandable hardware and software supporting inorganic and organic applications.

The microDX components are composed of inert, chemically resistant materials for extended lifespan. The design features dual X-rails and large diameter Z-rail for precise sampling across all sample container sizes.

Benefits

- **Durable** – Long life components for enhanced chemical resistance
- **Productive** – Improves speed and data quality
- Variable Z-rail sizes (14" and 16") to accommodate various height sample containers
- Dual independently pumped rinse stations to eliminate sample carryover
- Compatible with FAST sample injection system
- Optional enclosure to help control airborne contamination

Dimensions and Weight

- Height: 413 mm (16 1/4") with 14" Z-Rail
- Height: 464 mm (18 1/4") with 16" Z-Rail
- Width: 345 mm (13 9/16")
- Depth: 237 mm (9 5/16")
- Weight: 3.9kg (8.5 lbs.)

Power Requirements

- 24 V DC switching power supply, 6 A (included)
- Input power: 100-240 VAC \pm 10%, 50-60 Hz, 2.8A

Electrical Connections

- 1x USB
- 2x RS485
- 3x I/O



microDX Autosampler with
Dual Flowing Rinse Stations and
Two Micro Racks

Configuration Options

- 2 micro racks or 2 microplates
- FAST injection valves
- Autosampler Enclosure