



ASX-100 Micro Autosampler

- Low-volume sample handling capability (200 μL to 1500 μL)
- Compatible with many ICP and ICP-MS instruments
- Random access capability
- All wetted parts made from inert materials
- Self contained micro-processor
- Integrated sample tray cover

Low Volume Sample Handling Capacity

The ASX-100 random access intelligent micro autosampler is designed for use with sample volumes from 200 microliters to 1500 microliters. It is the ideal auto sampler to use with any application that requires the analysis of small volume samples. It is designed for use with the CETAC MCN-100 microconcentric nebulizer and CETAC Aridus Desolvating Microconcentric Nebulizer.

Contamination and Corrosion Resistant Design

The ASX-100 was specifically designed for ultra-trace level analysis. All sample vials, sample racks, and trays are metal-free and made of acid resistant, high-purity polymer materials. In addition, the ASX-100 has an integrated sample tray cover to minimize sample contamination.

Easily Interfaced

The ASX-100 provides unique capabilities for the automation of sample introduction with a variety of analytical instruments. Interfacing can be accomplished through serial communication.

Specifications

- **Standard Tray Size:**

5 positions (20 mL vial)
10 positions (4 mL vial)

- **Available sample racks:**

24 position (14 mm vial diam., 1500 μ L volume)
24 position (11.5 mm vial diam., 500 μ L, 300 μ L, 200 μ L volume)
48 position (8.0 mm vial diam., 1000 μ L, 500 μ L volume)
96 position (8.0 mm vial diam., 1000 μ L, 500 μ L volume)

- **Sample Table Composition:**

PFA and/or polypropylene

- **Computer interfaces:**

RS-232, IEEE-488 option

- **Voltage:**

100-240 VAC + 10%, 50/60 Hz

- **Dimensions and Weight:**

28.5cm W x 22cm D x 15cm H (31 cm H to top of z-axis drive), 8 lbs. (3.6 Kg)

- **Warranty:**

1 year limited parts and labor