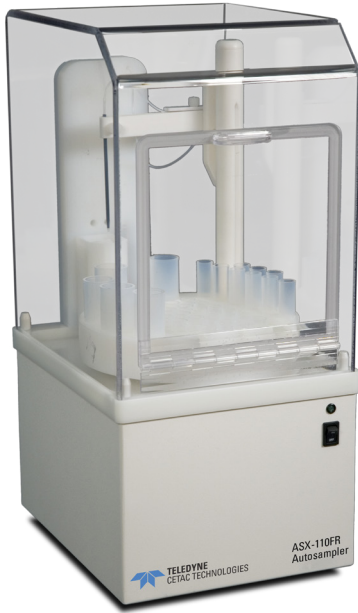


# ASX-110FR / ASX-112FR

## Micro Autosamplers



The ASX-110FR and ASX-112FR Flowing Rinse Micro Autosamplers each feature a compact size, protective enclosure and dual flowing rinse station ideal for small volume samples in an ultra clean environment.

- Multi-mode, dual flowing rinse
- All wetted parts made from inert materials
- PFA sample path for UltraTrace applications
- Integrated enclosure
- Flexible sample rack options
- Compact design
- Small sample path conserves valuable sample material
- Compatible with most ICP and ICP-MS instruments



# ASX-110FR / ASX-112FR Micro Autosamplers

## Technical Specifications

### ASX-110FR Dimensions

**Height:** 49 cm (19")  
**Width:** 23 cm (9")  
**Depth:** 33 cm (13")  
**Weight:** 9.4 kg (21 lbs)

### ASX-112FR Dimensions

**Height:** 50.8 cm (20")  
**Width:** 33.4 cm (13.1")  
**Depth:** 42.9 cm (16.9")  
**Weight:** 14.1 kg (31 lbs)

### Standard Tray Size

5 positions (20 mL vial);  
9 positions (4 mL vial)

### Sample Rack Configurations

CETAC racks – 24, 48, and 96 pos.  
BelArt half racks – 30 and 42 pos.

### Stage Composition

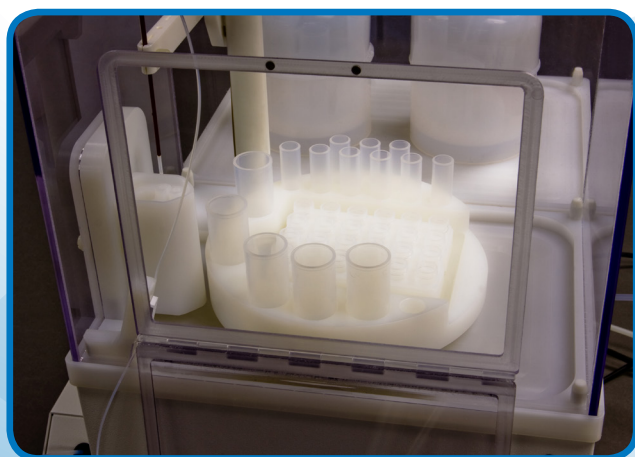
PFA and/or polypropylene

### Computer/Hardware Interface

USB, RS-232, IEEE-488 (optional)

### Power Requirements

100 - 240 VAC  $\pm$  10%, 50/60 Hz



Easy access to samples through enclosure door

## Compact

**Space Saving Design:** Compact footprint enables placement in front, on top, or next to the host instrument for maximum conservation of valuable laboratory bench space.

The ASX-112FR is designed to stack directly atop the Teledyne CETAC Aridus II Desolvating Nebulizer to further conserve laboratory space.



ASX-112FR with Aridus II

## High Purity

**Dual Flowing Rinse:** The ASX-110FR and ASX-112FR utilize dual, continuous flow rinse stations, operable in gas-displacement or peristaltic pump mode, minimizing sample contamination and carryover.

**Contamination Resistant:** All sample vials, racks, and trays are constructed of metal-free, acid-resistant, high-purity polymeric materials. In addition, the ASX-110FR and ASX-112FR each have an integrated enclosure to minimize sample contamination.

## Flexible

**Adaptable:** The ASX-110FR and ASX-112FR accommodate rack configurations allowing operation with sample volumes as low as 200  $\mu$ L, and up to 15 mL.

## Convenient

**Easy Access:** Sample and racks may easily be accessed (during operation, if desired) through a hinged door, or by removing the entire anti-contamination.