

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

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



## 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.

## 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 transparent 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 14 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 enclosure.



Autosampler Enclosure with Door Open



# ASX-110FR Micro Autosampler

## Technical Specifications

### ASX-110FR Dimensions

Height	48.3 cm (19")
Width	22.2 cm (8.75")
Depth	31.8 cm (12.5")
Weight*	9.4 kg (20.7 lbs)

\*with enclosure hood

### Standards Tray Size

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

### Sample Rack Configurations

CETAC racks – 24, 48, and 96 positions;  
Bel-Art half racks – 30 and 42 positions

### Computer/Hardware Interfaces

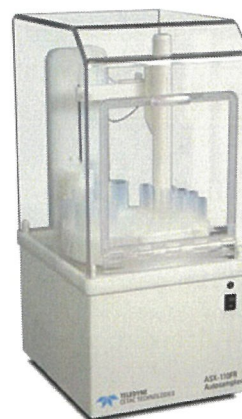
USB, RS-232, IEEE-488 (optional)

### Power Requirements

100 - 240 VAC ± 10%, 50/60 Hz

### Warranty

2 year limited



Part Number	Description
A10-99-0009	ASX-110FR w/ peri pump rinse
A10-99-0109	ASX-110FR w/ gas displacement pump rinse
A10-99-0209	ASX-110FR w/ gas displacement pump rinse and PFA rinse station

# ASX-112FR Micro Autosampler

## Technical Specifications

### ASX-112FR Dimensions

Height	42.9 cm (16.9")
Width	33.4 cm (13.1")
Depth	50.8 cm (20")
Weight*	14.1 kg (31.0 lbs)

\*with enclosure hood

### Standards Tray Size

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

### Sample Rack Configurations

CETAC racks – 24, 48, and 96 positions;  
Bel-Art half racks – 30 and 42 positions

### Computer/Hardware Interfaces

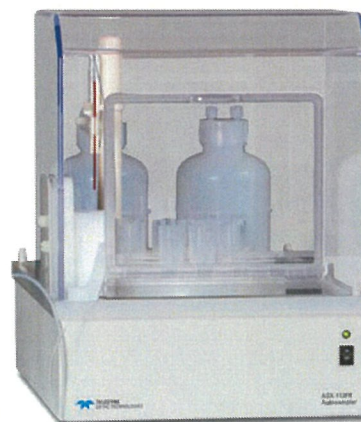
USB, RS-232, IEEE-488 (optional)

### Power Requirements

100 - 240 VAC ± 10%, 50/60 Hz

### Warranty

2 year limited



Part Number	Description
A12-99-0009	ASX-112FR w/ peri pump rinse
A12-99-0109	ASX-112FR w/ gas displacement pump rinse
A12-99-0209	ASX-112FR w/ gas displacement pump rinse and PFA rinse station