



## About FlowFrac™ 1000

The FlowFrac 1000 is an X-Y-Z fraction collector designed to be sturdy, reliable, and easy to use. It provides automated sample introduction for septum and non-septum piercing applications. The FlowFrac 1000 can be used with various vial types and sizes. Additionally, the FlowFrac 1000 allows different cooling options such as Peltier+ and liquid chilling.

The FlowFrac 1000 connects to and is controlled by the Seg-Flow automated sampling system. The FlowFrac 1000 cannot operate without a Seg-Flow.

### RACK HOLDER (Option 1)

- No sample temperature control
- Holds two racks or four microtiter plates

### PELTIER+ (Option 2)

- Cool to as low as -2°C with a single rack
- Cool to as low as 0°C when both racks are powered on

### CHILLER PLATE (Option 3)

- Primary application is for samples requiring freezing
- 4°C to -10°C
- Requires a recirculating chiller
  - Required Chiller Specifications:
    - Low temperature range of -20°C to -30°C
    - Coolant that works at -30°C
    - ½" ID hose barb connection
- PN: 99-1240 Flownamics Chiller Box w/Connections

## Specifications

### Electrical

<b>External Power Supply</b>	Auto-sensing: 100 - 120 VAC / 220 - 240 VAC, 1.5 A (50/60 Hz)
<b>Power Consumption</b>	150 VA
<b>System Requirement</b>	24 VDC, 4.17 A

<b>Regulatory Compliance</b>	CE, RoHS
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### Rack Sizes

- 96 well plate (192 positions)
- 5 mL (60 positions)
- 50 mL (14 positions)
- 2 mL HPLC (60 positions)
- 15 mL (30 positions)

### External Device Communication Interface

<b>USB</b>	1 port
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### Aliquot Volumes

<b>Sample Size</b>	0.25 - 50 mL (user defined)
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### Physical

<b>Dimensions</b>	13.875" W	35.2 cm W
	19.25" D	48.9 cm D
	20.375" H	51.8 cm H
<b>Weight</b>	25.8 lb	11.7 kg

### Environmental

<b>Ambient Temperature</b>	Operation: 18 to 28°C (64 to 82°F) Storage: -20 to 60°C (-4 to 140°F)
<b>Relative Humidity</b>	Operation: 20 to 80% non-condensing Storage: 10 to 80% non-condensing