

# CS1200E Canister Sampler



## Features:

- ☒ Accurate filling of 6L stainless steel canisters with integration times from 1 hour to 1 week.
- ☒ Fills 400cc MiniCans in 3 minutes to 8 hours.
- ☒ Gauge built into controller for compact operation.
- ☒ Welded, electropolished sample flow path cleans up faster and is more leak tight.
- ☒ Sapphire flow elements provide stable operation from -10°C to 40°C.
- ☒ Replaceable glass frit filters maintain an inert flow path while eliminating particulates.
- ☒ Separate purge port allows fast cleanup without restrictor removal.
- ☒ Compatible with TM1000 battery operated digital timer for automatic start/stop field sampling.
- ☒ Silonite coating option for sulfur applications.

## Specifications:

### OPERATING PRESSURE

Inlet: Atmospheric  
 Outlet: 30" Hg Vac - 0 psig

### TEMPERATURE RANGE

Operation: -10°C to 45°C  
 Cleaning: 20°C to 85°C

### WEIGHT

1.6 lbs.

### FLOW RESTRICTORS

<u>Code#</u>	<u>Part Number</u>	<u>Fill Times (Hours)</u>	
		<u>6L Canister</u>	<u>0.4L MiniCan</u>
1	39-23010	1	0.02 - 0.1
2	39-23030	3	0.1 - 0.3
3	39-23080	8	0.3 - 1
4	39-23240	24	1 - 3
5	39-24010	168 (1 week)	5 - 10

## CS1200E Includes:

	<u>Part Number</u>
> Flow Controller	39-CS1200E-01
> Flow Restrictor	(see above)
> Glass Frit Filters	39-25100
> 30" Hg Vacuum Gauge	39-27500
> Electropolished 304 SS Inlet	39-CS1200E-02

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*Order the complete sampler using P/N 39-CS1200Ex, where x is the restrictor code listed above. For example, use P/N 39-CS1200E4 to receive a 24 hour, 6L canister passive sampler.*

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