

# Canister Cleaning System

## ◆ Features

The interior of canisters are usually cleaned by cycling through vacuum and clean nitrogen (or zero air) in a sealed manifold. Our automatic cleaning system can effectively remove residual VOCs to a level meeting the requirements of US EPA TO-14 and 15, with the following advantages:

- (1) Efficient cleaning by using a powerful floating scroll vacuum pump
- (2) Pull-out tray design for easy mounting and un-mounting of canisters
- (3) Dual pressure gauges: silicon diaphragm and thermoelectric
- (4) Simple and easy user interface with touch screen operation

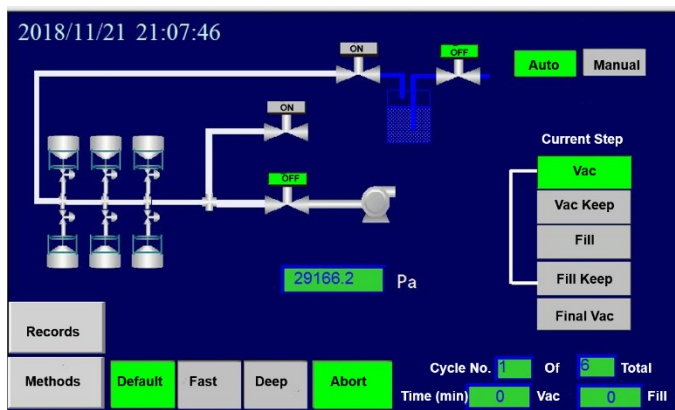


## ◆ Specifications

- (1) Pull out tray, eight 3-L (or smaller) or four 6-L canisters simultaneously
- (2) Precise temperature control ( $\pm 1^{\circ}\text{C}$ ) oven. Heating power 2.4 kW.  
Chamber sizes: width 60 \* depth 50 \* height 75 cm. Weight 100 kg
- (3) Control and pipe box sizes: width 66 \* depth 67 \* height 25 cm
- (4) Maintenance free compact floating scroll vacuum pump by ScrollLabs  
Power 350 W, speed 100 L/min, ultimate pressure  $\leq 3$  Pa (23 mTorr)
- (5) Siemens industrial PLC with a 10" touch screen. No computer needed
- (6) Silicon and thermoelectric pressure transducers: 0~200 kPa absolute
- (7) 1/4" Swagelok type connectors, compatible with other canister brands

## ◆ Software

- (1) Auto or manual mode
- (2) Direct control on valves for trouble shooting
- (3) Cleaning parameters user-modifiable
- (4) Three method shortcuts: default, fast, deep
- (5) Status display: pressure, temperature, valve
- (6) Cleaning history recalls
- (7) Simple user interface. English and Chinese



Cleaning Method Parameters				
		Default	Fast	Deep
Instr. Param.	Cycles	6	3	10
	Fill Time (min)	4	2	6
Pa / PSI	Vac Time (min)	15	5	30
	Fill Pressure	90000	90000	90000
Leak Check	Vac Pressure	100.00	200.00	100.00
		Apply	Return	