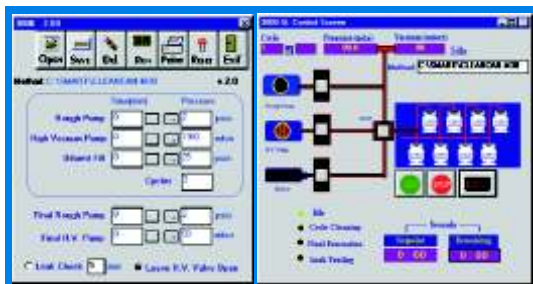


Canister Cleaning SYSTEMS

Canister Cleaning

Canisters are cleaned for reuse by evacuating and refilling with nitrogen or zero air multiple times to completely eliminate VOCs introduced during the previous sampling. After cleaning, canisters are left under vacuum in preparation for re-sampling. System pressure and vacuum readings control the evacuation and fill times to create consistent batch to batch cleaning.

The 09-OV6L oven and 3100-6 manifold allow six 6L canisters to be completely heated during cleaning and accommodates the cleaning of different size canisters (0.2-15L). Two ovens can be combined in parallel (left and right of controller) using PN 3100-02 and PN 15-31020P, while a second oven can be added in series with the first oven using PN 15-31020S.



SmartLab™ Windows Control Software



3100A
Canister Cleaner



09-OV6L Oven with
3100-6 Canister Manifold



3100-02 External Manifold
for Dual Oven Parallel
Connection

*Contact Entech to convert
your 3101A to 3106A*

3106A Oven Canister Cleaner

Unit	Part No.	Description
EA	3106A*	Canister Cleaning System, includes:
EA	3100A	Canister Cleaner Module & Control Software
EA	3100-6	6 Position Canister Oven Manifold
EA	09-OV6L **	6L x 6 Canister Oven
EA	15-31010	External Fill/Evacuation Manifold
EA	10-30001	3100 Molecular Drag Pump
EA	10-20030	2-Stage Diaphragm Pump
EA	07-10531	Humidifier

*Order 3106A-230 for 220-240 VAC Operation.

Options & Accessories

Unit	Part No.	Description
EA	90-83100	3100 Upgrade Kit, SL1 to SL2
EA	3100-02	Ext. Manifold, 2-Oven Parallel Operation
EA	15-31020P	Tubing kit, 2nd Oven Parallel Fill/Evac Tubing
EA	15-31020S	Tubing kit, 2nd Oven Series Fill/Evac Tubing
EA	3100-230	220-240 VAC Operation Option
EA	3100-100	100 VAC Operation Option
EA	10-20034	220-240 VAC/50Hz 2-Stage Diaphragm Pump
EA	10-20017	Vacuubrand 2-Stage Diaphragm Pump Maintenance Kit

MiniCan™ Cleaning



3120A MiniCan™ Cleaning System

MiniCans are also cleaned using the fill and evacuation method while heating at temperatures between 60-150°C, depending on the application. The 3120A system will clean 20 MC400 canisters simultaneously (expandable to 40), or 20 MC1000s. The unique "1-way flow" manifold has separate fill and exhaust lines to more effectively eliminate heavy and polar contaminants. All lines are internally electropolished, while the oven manifolds are Silonite® coated for maximum cleanup efficiency.

The 3120QT has the newer Micro-QT™ Valve fittings rather than the Miniature Quick Connects found on the 3120A. The 3120QT accommodates both the Microvalve-based MiniCans and the new economical Bottle-Vac™ glass bottle samplers. Individual fittings can be removed and replaced with Miniature Quick Connect fittings for dual valve compatibility.

3120A and 3120QT Oven MiniCan™ Cleaner



3100 Humidifier
PN 07-10531

Unit	Part No.	Description
EA	3120A*	MiniCan Cleaning System, includes:
EA	3100A	MiniCan Cleaner Module & Control Software
EA	10-30001	3100 Molecular Drag Pump
EA	10-20030	2-Stage Diaphragm Pump
EA	07-10531	Humidifier
EA	3100-20	20 Position Manifold w/Quick Connects**
EA	09-OV20†	MiniCan Oven (25-200°C)

* Order 3120A-230 for 220-240 VAC Operation.

Order 3120QT or 3120QT-230 for Micro-QT Valves

** Can be expanded to 40 Position by adding 20 more Fittings. Order 3100-20QT for Microvalves.

Extra Fittings for Manifolds:

PN 30-20500 for Quick Connects

PN 30-22800 for Microvalves

† Order 09-OV20-230 for 220-240 VAC Operation. Manifold required.

Contact Entech to convert
your 3121 to 3120A