



ENTECH
INSTRUMENTS

See What's Really There™

3108/3112D
Canister Cleaning System



3108/3112D
CANISTER
Cleaning System

The Next Generation in Canister Cleaning Technology.

3100D Canister Cleaning Systems



3100D Canister Cleaner

Superior oil-free canister cleaning systems for high throughput laboratories.

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 resampling. System pressure and vacuum readings control the evacuation and fill times for consistent batch to batch cleaning. Silonite™ coated manifolds and separate fill and evacuation flow paths ensure the most rapid elimination of VOCs and SVOCs possible. These updated systems now include method control of oven temperatures and adaptive feedback and control of the molecular drag pump to improve pump performance and longevity.

The 3112D oven quick-connect manifold accommodates up to twelve 6L canisters or up to 40 1–1.4L MiniCans™ for complete heating during the cleaning process. Connect two ovens and clean up to twenty-four 6L canisters or 72 MiniCans™ simultaneously!

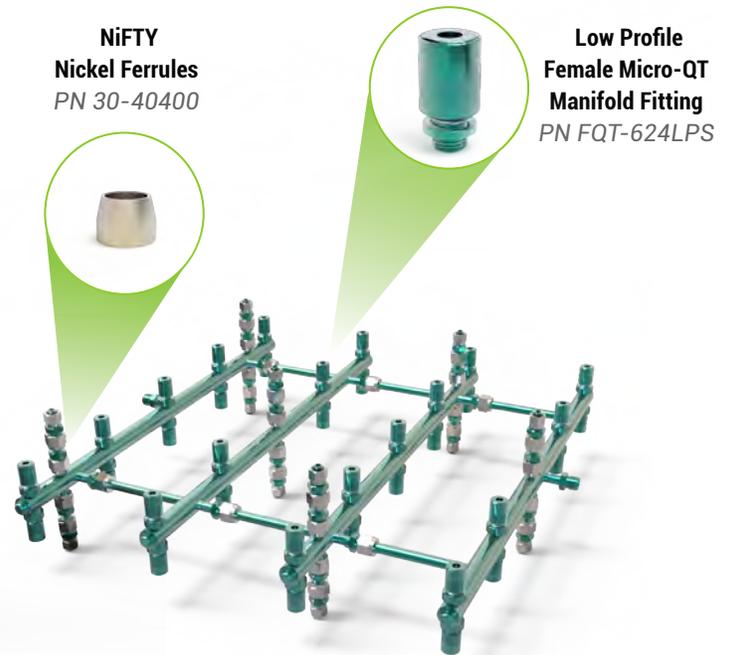
3100D | 3112D Canister Cleaning System



3112D Oven Size

Height: 34 inches (86.36cm)
Width: 33 inches (83.82cm)
Depth: 35 inches (88.9cm)

**Shown Here - 3112DM
Canister Cleaning System**



New Micro-QT™ Quick Connect Manifolds

Description	Unit	Part #
3112D Cleaning System Bundles*		
(12) Position 6L Bundle	EA	3112D
(40) Position Minican or 12 Pos. 6L Bundle	EA	3112DM
(12) Position 6L Bundle w/MQT ports**	EA	3112DMP
All bundles above include items below and a manifold		
3100D & Control Software	EA	3100D
3100D Molecular Drag Pump	EA	10-31000
3100D Humidifier	EA	07-10531
6L x 12 Canister Oven ***	EA	09-OV6L12
3112D External Tubing	EA	15-31120
2-Stage Diaphragm Pump – 120VAC	EA	10-20030

* Add "-HV" after part# for 220–240VAC Operation (e.g. 3112D-HV).
** Micro-QT™ ports are plugged. No Micro-QT™ Valves included.
*** Order 09-OV6L12-HV for 220–240VAC Operation. Manifold required.

Description	Unit	Part #
Individual Manifolds and Fittings		
(12) Position Cleaning System Manifold for 6L Can Oven. Holds (12) 6L (or smaller) cans or (2) 15L Cans. †	EA	3100-12
40/12P 3112 Oven Manifold Assembly w/ MQT Fittings Includes 40 MQT Fittings. †	EA	3100-12M
40/12P 3112 Manifold Assembly w/ Plugs Includes 40 Plugs. †	EA	3100-12MP
Female Micro-QT Manifold Fitting	EA	FQT-624LPS
Optional Components		
3100A/D Tablet/Bracket Option	EA	3100-TSC

† Does not include oven.

**Both the 3112D and 3108D
Feature Precise Digital Control
& Convective Heating!**

3100D | 3108D Canister Cleaning System

Utilize our new, 8-Position, ¼" and MicroValve™ Expansion Manifolds to clean up to 32 MiniCan™ or Bottle-Vac™ canisters per 3108D oven.



The 3100D Features all-new software.

3108D Canister Cleaning System 6L Canister with 8 position manifold

3108D Oven Size

Height: 37.5 inches (95.25cm)
Width: 21.5 inches (54.61cm)
Depth: 28 inches (71.12cm)

Description	Unit	Part #
3108D Cleaning System Bundles*		
(8) Position 6L Bundle †	EA	3108D
(32) Position Minican or 8 Pos. 6L Bundle †	EA	3108DM
(8) Position 6L Bundle w/MQT ports** †	EA	3108DMP
All bundles above include items below and a manifold		
3100D & Control Software	EA	3100D
3100D Molecular Drag Pump	EA	10-31000
3100D Humidifier	EA	07-10531
6L x 8 Canister Oven ***	EA	09-OV6L8
3108D External Tubing	EA	15-31080
2-Stage Diaphragm Pump – 120VAC	EA	10-20030
Individual Manifolds and Fittings		
(8) Pos. 6L Manifold	EA	3100-08
(32) Pos. Minican or (8) Pos. 6L Manifold	EA	3100-08M
(8) Pos. 6L Manifold w/MQT option**	EA	3100-08MP
Female Micro-QT Manifold Fitting	EA	FQT-624LPS
Optional Components		
3100A/D Tablet/Bracket Option	EA	3100-TSC

* Order 3108(D,DM,DMP)-HV for 220–240VAC Operation.
** Micro-QT ports are plugged. No Micro-QT Valves included.
*** Order 09-OV6L8-HV for 220–240VAC Operation. Manifold required.
† Does not include oven.



3100D Humidifier
PN 07-10531



External Manifold for
Dual Oven Connection
PN 3100-03

Description	Unit	Part #
3100D – External Manifold (2 Oven Parallel Operation)	EA	3100-03
3100D 3112D – Expansion Tubing (2nd Oven Fill / Evacuation Tubing Kit)	EA	15-31020P
3100D 3108D – Expansion Tubing (2nd Oven Fill / Evacuation Tubing Kit)	EA	15-31080P
3100D – 220-240VAC/50Hz Option	EA	3100-230
3100D – 100 VAC Option	EA	3100-100
2-Stage Diaphragm Pump – 240VAC (220-240VAC/50Hz option)	EA	10-20034
2-Stage Pump Kit (Diaphragm Pump Maintenance Kit)	EA	10-20017
3100A/D Tablet/Bracket Option****	EA	3100-TSC



7200
Preconcentrator



7650-L20
GC Gas Autosampler



7016D
Canister Autosampler



4700
Precision Diluter



5400B
Thermal Transfer System

*The Recognized Global Leaders
in Environmental Air Analysis.*

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3112D Canister Cleaning System – 190816-7.5



3112D
Canister Cleaning System