

7016D

AUTOSAMPLER

Automated Canister and Tedlar® Bag Analysis



7016D Autosampler shown with 6L Canisters

7016D Canister Autosampler

The ultimate autosampler for large canister whole air analysis, now better than ever.

The new 7016D features 16 inlet positions that bring Entech's automated analysis capabilities to a wide variety of vacuum sampling canisters and Tedlar® bags. The 7016D easily connects to a 7200 Preconcentrator for the automated analysis of VOCs in canisters with EPA Toxic Organics Methods TO-14A and TO-15.

The 7016D is controlled through the advanced 7200 Windows® platform and incorporates an all-new, digitally controlled rotary valve actuator with "smart positioning" that improves port alignment. Valve alignment is easy and no longer requires rotation of the valve and tubing. All flow path tubing throughout the 7016D system is Silonite™ coated and heated to further reduce flow path carryover while maximizing sample recovery.

The Most Flexible and Accurate Large Canister Solution for EPA Methods TO-14A and TO-15.



7016D shown with 2.7L Canister Adapter

Features

- Automated Analysis**
Up to sixteen 6L Silonite™ canisters can be analyzed in accordance with EPA Methods TO-14A and TO-15.
- Back-Flushing of Each Line After Analysis**
Using automated software control.
- Automated Leak-Checking**
Verification of leak-tight connections prior to opening valves.
- Silonite™ Coated Inlet Lines**
Ultra-inert flow paths for recovery of reactive compounds.
- Complete SmartLab™ II Automation**
Sophisticated Windows® compatible software with precise automation control via USB connection.
- Easy Valve Alignment**
Simple adjustment of digital feedback sensor.



The 7016D easily adapts for the analysis of large canisters, MiniCans™, and Tedlar® Bags.

Expand your
Canister Analysis
Capabilities!

Call Us Today to Learn More!

TURNKEY APPLICATION COMBO

7200 | 7016D Large Canister Air Toxics System

Type	Description	Unit	Qty. Incl.	Part #
Instrument	7200 Preconcentrator (without loop option)	EA	1	7200-02*
- Option	- Silonite Coated Flow Paths. Add "S" to part number for coated flow paths.	EA	1	7200-02S*
Instrument	7016D 16 Position Autosampler (canisters sold separately)*	EA	1	7016D*
- Accessory	- 7016D 2.7L canister bracket (order one per canister)	EA	1	29-23270
- Accessory	- 7016D MiniCan / Bottle-Vac cradle	EA	1	19-14010

* High Voltage Operation - Add "-HV" to the end of the part number for the 220V+ versions.

7200 | 7016D Air Toxics System – Large Canister 16-Position Inlet

The 7200 Preconcentrator combines with the 7016D for Ambient Air Toxics Analysis.

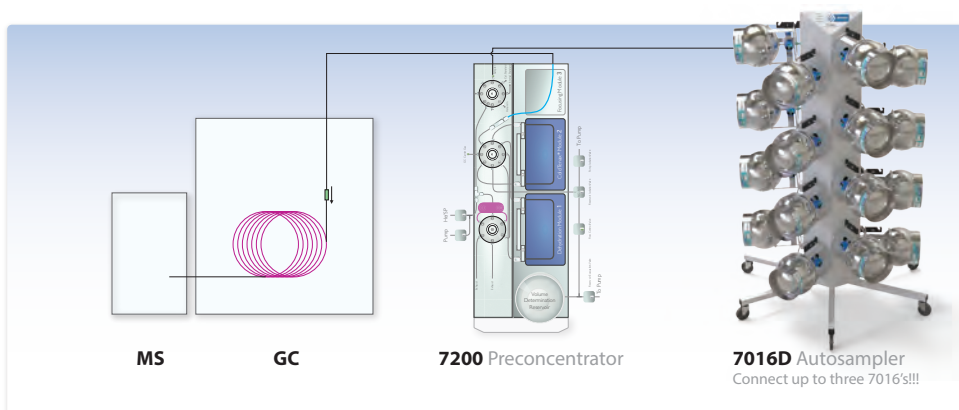
The 7200 paired with the 7016D creates an excellent solution for 2.7, 3.2, 6L, and 15L canisters used for ambient level air toxics analysis in compliance with EPA Methods TO-14a and TO-15. The 7200's 4-sample inlet can accommodate the simultaneous connection of up to three 7016D autosamplers to maximize unattended canister analysis. The new 7016D features the time-tested reliability of our popular 7016 Autosampler, along with new SmartLab™ II communication and digital rotary valve control— **for even more reliable valve positioning.**

The 7200 and 7016D both feature Entech's new SmartLab™ II control platform. SmartLab™ II sets a new standard for optimal and reliable instrument communication for Windows® environments. Run time data storage and management is simplified, including a standardized report that presents all the important information you need for straightforward, quality assessment. Now, with the 7200 | 7016D System, analyze your large canisters with confidence!

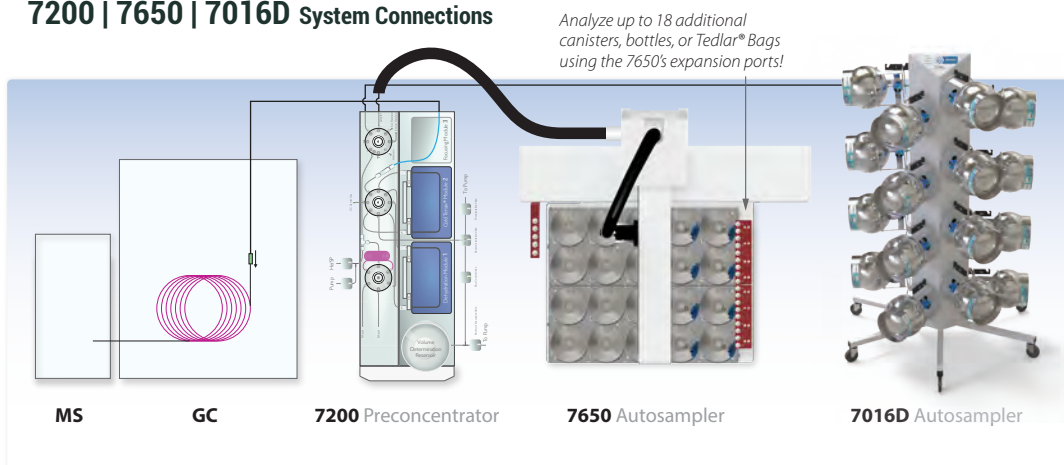
Up to three 7016D canister autosamplers can be simultaneously connected to the 7200 Volatiles Preconcentrator.

Typical systems and connections are shown below.

7200 | 7016D System Connections



7200 | 7650 | 7016D System Connections





7200
Preconcentrator



7650-L20
GC Gas Autosampler



4700
Precision Diluter



5400B
Thermal Transfer System



3108D
Canister Cleaning System

*The Recognized Global Leaders
in Environmental Air Analysis.*

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