

TO-Can™ Canisters



Improved TO-Can™ Air Monitoring Canisters

Optimized for EPA Methods TO-14 and TO-15, and ASTM D5466

- High quality, metal-to-metal seal, 2/3-turn valve with stainless steel diaphragms.
- 2-port or 3-port valve available; 3-port valve includes 30" Hg/60psi vacuum/pressure gauge (other gauges available).
- Sizes from 1 to 15 liters, for a range of sampling needs.

Features

Metal to metal seat, valve with stainless steel diaphragms.
Vacuum/pressure gauge (optional).
Stable to 250°C.

Benefits

No sample adsorption, for more accurate results.
Ascertain internal conditions at a glance.
Heat canister to 250°C for superior cleaning.

please note

TO-Can™ canisters at quantity discounts. Call Restek for details!

- SUMMA® canister equivalent.
- Excellent analyte recovery—even after 14 days of storage.

For more information, request lit. cat.# 59189A.

US EPA Compendium of Air Methods TO-14 and TO-15 regulate the collection, storage, and analysis of volatile organic compounds (VOCs) using treated air sampling canisters. Restek offers a complete line of TO-Can™ canisters (SUMMA® can equivalent), electropolished using a proprietary process and extensively cleaned using an ultrasonic method. This ensures a high-quality, passivated surface that maintains the stability of TO-14/TO-15 compounds during storage. The frame surrounds the electropolished canister, eliminating the need for weld marks on the sphere, thereby preventing active sites on the canister. The Parker Hannifin metal-to-metal diaphragm valve supports the excellent performance of the canister.

The unique holder attaches the handle and base to the canister without welds, and protects the canister, tube stub, and valve. The 2/3-turn diaphragm valve has a metal-to-metal seat and a temperature limit of 250°C. We leak check the system with helium to ensure the TO-Can™ canister and valve are leak-tight, then pressurize the canister with contaminant-free nitrogen before we ship it.

did you know?

TO-Can™ Canisters are cleaned prior to shipping.

Quickly confirm vacuum or pressure. Request a high-quality gauge mounted on your SilcoCan™ or TO-Can™ canister.

Description	qty.	1L Volume		3L Volume		6L Volume		15L Volume	
		cat.#	cat.#	cat.#	cat.#	cat.#	cat.#		
TO-Can™ Canister, 1/4" Valve	ea.	24172	24173	24174	24175	24176	24177	24178	24179
TO-Can™ Canister with Gauge, 1/4" Valve	ea.	24176	24177	24178	24179	24180	24181	24182	24183
TO-Can™ Canister with No Valve	ea.	22094	22095	22096	22097	22098	22099	22100	22101

Restek canisters are originally equipped with high-quality Parker Hannifin diaphragm valves. Each valve is helium leak-tested to 4×10^{-9} cc/sec. The all-stainless steel construction eliminates contamination and withstands temperatures from -100°C to 250°C. Other features include a compression outlet fitting and a 1/4" inlet and outlet. For additional gauge and valve options, see page 405.

Alternative Mounted Vacuum/Pressure Gauges

The standard vacuum/pressure range on a SilcoCan™ or TO-Can™ canister fitted with a gauge is 30" Hg to 60psi. To have a different gauge mounted on your canister, add the appropriate suffix number to the canister catalog number.*

Gauge	Suffix
30" Hg/15psi	-651
30" Hg/30psi	-652

*No price difference for these substituted gauges.

TO-Can™ Canisters with Swagelok® SS4H Bellows-Sealed Valve

- All metal flow path prevents sample adsorption, giving more accurate results.
- Withstands temperatures of up to 300°C.
- Rugged performance in the field.
- Fast delivery from Restek!

Restek now offers Swagelok® SS4H canister valves on our TO-Can™ canisters. Valves are bellows-sealed for durability and meet all EPA requirements for air monitoring by methods TO-14 and TO-15.

Description	qty.	1 Liter Volume cat.	3 Liter Volume cat.	6 Liter Volume cat.	15 Liter Volume cat.
TO-Can™ Canister with 1/4" Swagelok® SS4H Bellows-Sealed Valve	ea.	22105	22106	22107	22108

Replacement valves are available on page 405.

new!



also available

We also offer sampling kits, sampling bags, and a range of gas reference standards to meet your environmental gas sampling requirements. See pages 407-417.