



VICI[®] Valco Instruments Co. Inc.
VICI AG International



PRODUCTS

Mininert valves

from VICI Precision Sampling

Jump to a category:

[Syringe valves](#)

[Valves for vials](#)

[Valves with standard tapers](#)

[Valves with threaded fittings](#)

[Replacement septa and septum installation tool](#)



Contact VICI Precision Sampling

For ordering, product support, or more information about Mininert valves, [email](#) VICI Precision Sampling or call toll-free (800) 828-1653.

Mininert push-button valves are highly dependable, leak-tight closures for screw-cap vials and other laboratory containers. When used with a glass vial, only PTFE and glass are in contact with the contents. Their unique features make Mininert valves the ideal closure for calibration standards, air- or moisture-sensitive fluids, derivatizing reagents, or volatile chemicals.

Operation is extremely simple - push the green button to open the valve, insert the needle through the septum and take a sample, withdraw the needle, and push the red button to close the valve.

PTFE is highly inert and may be used with most common materials. It is particularly useful for working with most acids and organic solvents. Problems may be encountered when used with organometallics and some strong bases. We recommend actual exposure tests before use with any material.

The sealing ability of Mininert valves is more than adequate for containing most volatile liquids and gases at low pressures. Mininert valves have been used as high as 120 psi without leakage, but we do not recommend pressurizing glass containers to those levels. Such pressurization of glass containers can be extremely dangerous.

Mininert valves can be used at temperature up to 105°F. However, after use at high temperatures, the valve may leak slightly when cooled to room temperature.

HROMalytic Chromatography Products '08
Australian Distributors
ECHnology

www.chromtech.net.au E-mail : info@chromtech.net.au Tel : +61 3 9762 2034 Fax : +61 3 9761 1169

Syringe valves

These convenient add-on valves allow our Series C and D syringes to store samples at up to 250 psi. The valve body is all PTFE, with a stainless steel stem. Also available to fit luer-tip syringes from any manufacturer and accept traditional luer needles.



Description	Product No.
For C or D syringe	654050
For luer-tip syringe	654051

Valves for vials

Models are available for screw-cap and crimp-top vials. The screw-cap Mininert is available in 13, 15, 18, 20, and 24 mm cap sizes. The crimp-top valve for 13 mm ID glassware slides into the neck of the vial and features a threaded flange which is turned to provide a leak-tight fit.



Sold in packages of twelve

Cap/thread size	Product No.
13 mm-425	614158
15 mm-425	614160
18 mm-400	614161
20 mm-400	614170
24 mm-400	614163
Crimp top	614250

Valves with standard tapers

The laboratory taper model brings Mininert convenience and ease to a variety of applications using standard laboratory glassware, such as reaction chambers, test tubes, and other glass systems.



Taper	Product No.
14/20	621102
19/22	621103

TOP ▲

Valves with threaded fittings

Our threaded designs offer positive on/off fluid control as an in-line valve or syringe access as a termination valve at a sample point. In-line valves are 1/4-28 male to male or 1/4-28 female to female. Termination valves are offered in 1/4-28 male or female and 1/8" NPT male or female.

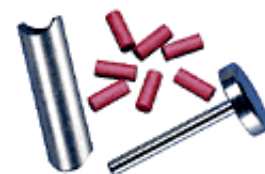


Fitting	Product No.
In-line valve	
1/4-28, male to male	631205
1/4-28, female to female	631206
Termination valve	
1/4-28 male	631201
1/4-28 female	631203
1/8" male NPT	631202
1/8" female NPT	631204

TOP ▲

Replacement septa and septum installation tool

These silicone septa fit all Mininert valves. The installation tool is a handy device for quickly removing and replacing needle seal septa.



Description	Product No.
Pkg. of 50 septa	644350
Installation tool	644850