



HPLC

Analytical through-the-handle injector

1/16" Valco fittings, 0.40 mm ports (.016")

Models C1 and C1CF (continuous flow)

The Model C1 is a 6 port through-the-handle external loop injector designed for direct replacement of existing competitive models. Because the handle is integral to the design, all Model C1 valves are manual, with position feedback standard.



Direct syringe loading with a C1 injector allows a choice between the partial-filling method, in which the injection volume is determined by a syringe, and full-loop injection, in which the volume is determined by the size of the loop. A sample loop is supplied with the injector.

The continuous flow **Model C1CF** has an engraving on the stator which extends from port 5 part of the way to port 4. (Illustration) This stator channel maintains pump flow between ports 5 and 4 during most of the switching cycle, virtually eliminating pressure spikes.

Product numbers

Select stator material to jump to product numbers:

Model C1	Model C1CF
Nitronic 60 stainless steel	Nitronic 60 stainless steel
PAEK	PAEK

Sample loops

Sample loops are available in a variety of sizes and materials.

- Titanium stator also available

Further reference see VICI website . . . www.vici.com

More Cheminert valves for HPLC

Which valve do I need?

Sample loops for Model C1

Automated continuous flow injector

Properties of:

Metals

Polymers

Rotor materials

Nitronic 60 through-the-handle injectors - Model C1

HPLC - analytical - 1/16" Valco fittings - 0.40 mm ports (.016")



Available only in manual version.

Position feedback included.

Includes stainless steel nuts and ferrules.

Includes one 20 µl loop of the stator material.

Specs	Description	Product No.
75°C max 5000 psi liq N60 stainless stator Valcon H rotor	Manual 6 port injector	C1-2006
	Replacement rotor	C1-20R6
	Replacement stator	C-2C06
	Replacement injector fitting	C-261



PAEK through-the-handle injectors - Model C1

HPLC - analytical - 1/16" Valco fittings - 0.40 mm ports (.016")



Available only in manual version.


Position feedback included.

Includes PEEK steel nuts and ferrules.

Includes one 20 µl loop of the stator material.

Specs	Description	Product No.
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50°C max 5000 psi liq PAEK stator Valcon E rotor	Manual 6 port injector	C1-2346
	Replacement rotor	C1-23R6
	Replacement stator	C-2C46
	Replacement injector fitting	C-261



Nitronic 60 through-the-handle injectors - Model C1CF

HPLC - analytical - 1/16" Valco fittings - 0.40 mm ports (.016") - continuous flow


Available only in manual version.

Position feedback included.

Includes stainless steel nuts and ferrules.

Includes one 20 µl loop of the stator material.

Specs	Description	Product No.
75°C max 5000 psi liq N60 stainless stator Valcon H rotor Continuous flow	Manual 6 port injector	C1CF-2006
	Replacement rotor	C1CF-20R6
	Replacement stator	CF-2C06
	Replacement injector fitting	C-261



PAEK through-the-handle injectors - Model C1

HPLC - analytical - 1/16" Valco fittings - 0.40 mm ports (.016") - continuous flow

Available only in manual version.

Position feedback included.

Includes PEEK steel nuts and ferrules.

Includes one 20 µl loop of the stator material.

Specs	Description	Product No.
50°C max 5000 psi liq PAEK stator Valcon E rotor Continuous	Manual 6 port injector	C1CF-2346
	Replacement rotor	C1CF-23R6
	Replacement stator	CF-2C46

flow

Replacement
injector fitting

C-261

