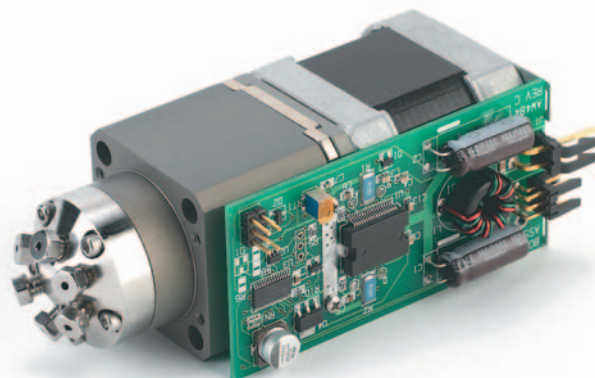


## Model C52 Integrated HPLC Injector

- Designed for OEM applications
- Compact and lightweight
- Single contact closure control
- 4, 6, 8, and 10 port models, stainless or PAEK



### General Description

Cheminert's new C52 series injector presents our first integrated motor/valve assembly designed specifically to be built into an OEM system.

Using the well-proven Cheminert HPLC injector design and the 24 volt motor from our popular microelectric actuators, the C52 needs only to be connected to the instrument's power supply. Control is simplified to require a single contact closure; the injector's position is determined by whether the closure is held high or low. There's even an easy way for the instrument to confirm the valve's position by sensing the output from a built-in sensor.

All these features are built into a compact and lightweight package, available in 4, 6, 8, and 10 port configurations, stainless or PAEK.

See how the C52 can simplify your instrument design and minimize time to market—all while trimming your costs.

### Flexibility

In the default control mode, a contact closure moves the injector from load to inject, where it remains until the contact is broken and the injector reverts to the load position. A simple jumper change shifts the mode to dual contact closure, in which one contact closure shifts the injector to inject and a second is required to shift it back to load.

Jumper settings can also be modified to change the motor's degree of rotation so it can be used with any of the valve models available.

### Specifications

Max. operating pressure	5000 psi
Max. temperature	50°C
Models available	4, 6, 8, and 10 port
Bore size	.25, .40, or .75 mm
Control	Single or dual contact closure
Power	24 VDC, ±5%, 1.5 amps min

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## Nitronic 60 stainless stator, Valcon H rotor

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	<b>4 Port</b>	<b>6 Port</b>	<b>8 Port</b>	<b>10 port</b>
<i>0.010" (.25 mm) bore</i>				
With motor, sensor, and controller	C52-1004I	C52-1006I	C52-1008I	C52-1000I
With motor and sensor only	C52-1004I-S	C52-1006I-S	C52-1008I-S	C52-1000I-S
<i>0.016" (.40 mm) bore</i>				
With motor, sensor, and controller	C52-2004I	C52-2006I	C52-2008I	C52-2000I
With motor and sensor only	C52-2004I-S	C52-2006I-S	C52-2008I-S	C52-2000I-S

## PAEK stator, Valcon E rotor

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	<b>4 Port</b>	<b>6 Port</b>	<b>8 Port</b>	<b>10 port</b>
<i>0.010" (.25 mm) bore</i>				
With motor, sensor, and controller	C52-1344I	C52-1346I	C52-1348I	C52-1340I
With motor and sensor only	C52-1344I-S	C52-1346I-S	C52-1348I-S	C52-1340I-S
<i>0.016" (.40 mm) bore</i>				
With motor, sensor, and controller	C52-2344I	C52-2346I	C52-2348I	C52-2340I
With motor and sensor only	C52-2344I-S	C52-2346I-S	C52-2348I-S	C52-2340I-S