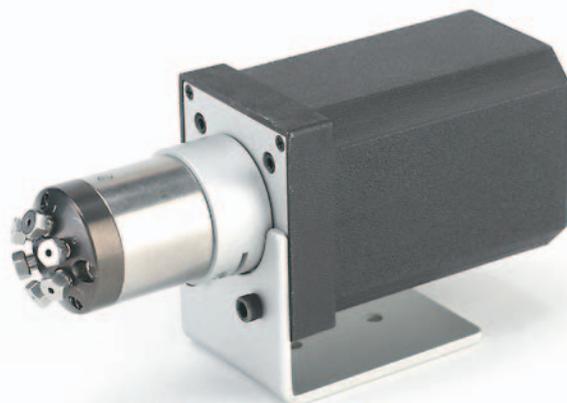


## Model C82 High Pressure UHPLC Injector

- Rated to 10,000, 15,000, or 20,000 psi
- 1/32" or 1/16" fittings
- Works with all VICI actuation options
- 4, 6, 8, and 10 port models



Many of the latest analytical techniques require systems capable of pressures up to 10,000, 15,000, or even 20,000 psi. The C82 series injectors from Cheminert feature a proprietary rotor material and stator coating that permit these pressures. C82 injectors are available in a variety of configurations, including some models with a vertical injection port. (Consult the factory for more information.)

### Actuation

The injectors use the same mounting system as the widely used Cheminert C2 series HPLC injectors. Our microelectric actuator determines accurate positioning without limit switches or customer adjustment. Computer control is facilitated via RS-232 or RS-485 interface, but it can also be controlled manually. The actuator is CE-certified, and includes an autosensing 110/230 VAC to 24 VDC universal power supply.

### Specifications

Max. operating pressure	10,000, 15,000, or 20,000 psi
Configurations available	4, 6, 8, and 10 port; 1/32" and 1/16" fittings
Bore size	100, 150, or 250 micron for 1/32" fittings 150 or 250 micron for 1/16" fittings (400 micron in some configurations)
Stator material	Stainless steel with inert coating
Rotor material	Special high-strength PAEK (Valcon E3)
Microelectric actuator automation options	RS-232, RS-485 (optional), contact closure, TTL logic level signals

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Rev 9/14

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## 1/32" fittings

	4 Port	6 Port	8 Port	10 port	10,000 psi
<i>100 micron bore</i>					
Manual	C82NH-4674	C82NH-4676	C82NH-4678	C82NH-4670	
Actuated	C82NH-4674EH	C82NH-4676EH	C82NH-4678ED	C82NH-4670ED	
<i>150 micron bore</i>					
Manual	C82NH-6674	C82NH-6676	C82NH-6678	C82NH-6670	
Actuated	C82NH-6674EH	C82NH-6676EH	C82NH-6678ED	C82NH-6670ED	
<i>250 micron bore</i>					
Manual	C82NH-1674	C82NH-1676	C82NH-1678	C82NH-1670	
Actuated	C82NH-1674EH	C82NH-1676EH	C82NH-1678ED	C82NH-1670ED	
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					15,000 psi
<i>100 micron bore</i>					
Manual	C82NX-4674	C82NX-4676	C82NX-4678	C82NX-4670	
Actuated	C82NX-4674EH	C82NX-4676EH	C82NX-4678ED	C82NX-4670ED	
<i>150 micron bore</i>					
Manual	C82NX-6674	C82NX-6676	C82NX-6678	C82NX-6670	
Actuated	C82NX-6674EH	C82NX-6676EH	C82NX-6678ED	C82NX-6670ED	
<i>250 micron bore</i>					
Manual	C82NX-1674	C82NX-1676	C82NX-1678	C82NX-1670	
Actuated	C82NX-1674EH	C82NX-1676EH	C82NX-1678ED	C82NX-1670ED	
<hr/>					
					20,000 psi
<i>100 micron bore</i>					
Manual	C82NU-4674	C82NU-4676			
Actuated	C82NU-4674EH	C82NU-4676EH			
<i>150 micron bore</i>					
Manual	C82NU-6674	C82NU-6676			
Actuated	C82NU-6674EH	C82NU-6676EH			
<i>250 micron bore</i>					
Manual	C82NU-1674	C82NU-1676			
Actuated	C82NU-1674EH	C82NU-1676EH			

## 1/16" fittings

	4 Port	6 Port	8 Port	10 port	10,000 psi
<i>150 micron bore</i>					
Manual	C82H-6674	C82H-6676	C82H-6678	C82H-6670	
Actuated	C82H-6674EH	C82H-6676EH	C82H-6678ED	C82H-6670ED	
<i>250 micron bore</i>					
Manual	C82H-1674	C82H-1676	C82H-1678	C82H-1670	
Actuated	C82H-1674EH	C82H-1676EH	C82H-1678ED	C82H-1670ED	
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					15,000 psi
<i>150 micron bore</i>					
Manual	C82X-6674	C82X-6676	C82X-6678	C82X-6670	
Actuated	C82X-6674EH	C82X-6676EH	C82X-6678ED	C82X-6670ED	
<i>250 micron bore</i>					
Manual	C82X-1674	C82X-1676	C82X-1678	C82X-1670	
Actuated	C82X-1674EH	C82X-1676EH	C82X-1678ED	C82X-1670ED	
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					20,000 psi
<i>150 micron bore</i>					
Manual	C82U-6674	C82U-6676			
Actuated	C82U-6674ED	C82U-6676ED			
<i>250 micron bore</i>					
Manual	C82U-1674	C82U-1676			
Actuated	C82U-1674ED	C82U-1676ED			