


## Nanovolume® HPLC Injectors and Switching Valves

Cheminert nanovolume injectors and switching valves are ideal for high speed, high throughput techniques which demand a valve and fitting system that minimize internal volume and eliminate dead volume. A proprietary rotor material and stator coating achieve pressures to 20,000 psi, suitable for the most demanding analytical techniques. All models are compatible with any VICI actuation option.



### **NEW** Injectors with 360 micron fittings, 100 or 150 micron bore


Models C72MU and C72MX [p. 152](#)

- 360 µm Cheminert fittings 
- Choice of 100 or 150 µm flowpath
- 10,000, 15,000, and 20,000 psi versions
- 4, 6, 8, or 10 ports (4 or 6 in 20,000 psi versions)
- Coated stator

These injectors incorporate our unique fittings which permit direct connection of 360 micron OD fused silica, PEEK, stainless, or electroformed nickel tubing.


### Injectors with 1/32" Cheminert fittings, 100 micron bore

Models CN2 and CN4 [pp. 154-155](#)

- 1/32" Cheminert fittings 
- 100 or 150 µm flowpath
- 5,000 psi rating
- 6 or 10 ports
- Internal sample version with sample size of 4, 10, or 20 nanoliters
- Uncoated PAEK stator

### Injectors with 1/32" Valco fittings, 100 or 150 micron bore


Models C72NX and C74NX [p. 153](#)

- 1/32" Valco fittings 
- Choice of 100 or 150 µm flowpath
- 10,000, 15,000, and 20,000 psi versions
- 4, 6, 8, or 10 ports (4 or 6 in 20,000 psi versions)
- Internal sample version with sample size of 4, 10, or 20 nanoliters
- Coated stator

### Selectors with 1/32" or 1/16" Valco fittings, 100 - 250 micron bore

Model C75NX [p. 170](#)

Model C75H [p. 171](#)

- 1/32" or 1/16" Valco fittings 
- 150 or 250 µm flowpath
- 10,000, 15,000, and 20,000 psi versions
- 4, 6, 8, or 10 ports (4 or 6 in 20,000 psi versions)
- Coated stator