

Optic 3 Injector cleaning procedure

If carryover or background contamination is evident in the chromatogram, and the problem has been traced to the optic injector, then the injector may need to be cleaned. Follow the procedure below to clean the injector.

- 1.1 Switch the control unit off.
- 1.2 Remove the column, top boss and liner.
- 1.3 Disconnect the carrier, split and purge lines from the back of the control unit.
- 1.4 Position a large beaker under the open injector body to collect waste and flush each line and the injector itself with solvent (Acetone) to remove contamination. Using cotton wool buds moistened in solvent remove any deposits from the internal walls of the injector.
- 1.5 The Split, Carrier and Septum-Purge lines can be flushed by injecting solvent with a micro-syringe into the lines.
- 1.6 Reconnect the injector lines, liner and top boss (not the column).
- 1.7 Allow the solvent to evaporate and switch the control unit back on.
- 1.8 Set the unit in Standby to 600°C with maximum split flow for 15 minutes.
- 1.9 Reconnect column.
- 1.10 Test system.