



CARBONATE REMOVAL DEVICE 200(CRD-200) QUICKSTART

The CRD-200 must be handled with care to ensure proper operation. Fittings only need to be finger tightened.



WARNING

Do not attempt to disassemble the CRD-200; it may result in irreversible damage.

1.1. Hydrating the CRD-200

Step 1

Using a 5 cc disposable plastic syringe (P/N 016640) and the 10-32 Luer adaptor (P/N 046888), push approximately 3 mL of degassed DI water through the ELUENT IN port. Using a 5 cc disposable plastic syringe (P/N 016640) and the 1/4-28 Luer adaptor (P/N 024305), push 5 mL of degassed DI water through the REGEN IN port (Figure 1).



NOTE

Step 1 can be accomplished by installing the CRD-200 in the system and connecting the ELUENT OUT port to the REGEN IN port on the CRD-200 by using suitable tubing and pumping 5 mL of deionized water through the CRD-200 ELUENT IN port. In the above step, it is recommended to bypass the guard and analytical columns.

Step 2

Allow the CRD-200 to sit for approximately 10 minutes to fully hydrate the CRD-200 membrane.



Figure 1
Hydrating the CRD-200

1.2. Backpressure Instructions



WARNING

Total backpressure exceeding >100 psi may cause irreversible damage to the CRD-200 and SRS.

The total backpressure to the suppressor eluent channel should be less than 100 psi. This includes the CRD-200, the cell, and the backpressure coil. Trim the backpressure coil if required to achieve <100 psi total backpressure. Refer to Section 3.3 in the CRD-200 Product Manual (P/N 065068) for backpressure measurement instructions.