Carestream DENTAL

Chemical Recovery Cartridge, Model II
Chemical Recovery Cartridge, Junior Model II

Installation Instructions

- **Use qualified personnel to install this equipment**
- You must fill the cartridge with water at the installation. This minimizes channeling and clogging.
- **The solution flows by gravity in the system. The drain tubing must always slope down from the processor fixer overflow** outlet, through the cartridge, to the drain

Note: *Some processors may require an adaptor kit; refer to your processor manual for the details*

Contents – 1-bucket, 2-90° elbows and 2-plugs. Not included ¾ inner diameter (I.D.) vinyl tubing.

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Warning: *Gloves and protective eyewear must be worn when working with chemistry.*

Single Cartridge Installation

1. Remove the cartridge and fittings from the box. Save the box and the plug fittings for use when returning the cartridge for refining.
2. Included, is a package containing ½" x ¾" elbow hose adaptors. The threaded ends have been wrapped with pipe-sealing tape.

Important: *To prevent leaking, do not remove the pipe-sealing tape. For all fittings –* ***hand tighten only.***

3. Thread an elbow hose adaptor into the "IN" port, on the upper-side of the cartridge.
4. Connect the fixer overflow outlet from the processor to the elbow hose adaptor that is threaded into the cartridge "IN" port, using ¾ I.D. and tubing.
5. Thread the remaining elbow hose adaptor into the "OUT" port that is in the upper-side of the cartridge.
6. Connect one end of the length of ¾ I.D. tubing to the elbow hose adaptor that is threaded into the cartridge "OUT" port, and direct the other end to the floor drain.

Multiple (Series) Cartridge Installation

1. For cartridge #1, follow steps 1-5 in the “Single Cartridge Installation” section. Place cartridge on a platform that raises it approximately 10 cm (4 inches) above the floor.
2. For cartridge #2, follow steps 1-3 and 5 in the “Single Cartridge installation” section. Place #2 on the floor close to #1. Turn the ends of the elbow hose adapters in the #1 “OUT” port and #2 “IN” port, so that they point toward each other.

Important: *Tubing should be just long enough to reach, and not sag or bend. Support tubing as necessary.*

3. Connect the “OUT” port of the #1 to the “IN” port of #2, using a short length of ¾” ID tubing.
4. Connect one end of a length of ¾” ID tubing to the elbow hose adaptor that is threaded into the “OUT” port of cartridge #2, and direct the other end to the floor drain.

Electrolytic Unit and Tailing Cartridge Installation

1. Follow steps 1-3 and 5 in the “Single Cartridge Installation” section.
2. Connect the outlet or overflow from the electrolytic unit to the elbow hose adaptor that is threaded into the cartridge “IN” port, using ¾“ ID tubing.

Important: *Make sure tubing is not kinked.*

3. Connect one end of the length of ¾” ID tubing to the elbow hose adaptor that is threaded into the cartridge “OUT” port, and direct the other end to the floor drain.

For more information, call **800.933.8031** or visit us on the web at **www.carestreamdental.com.**

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