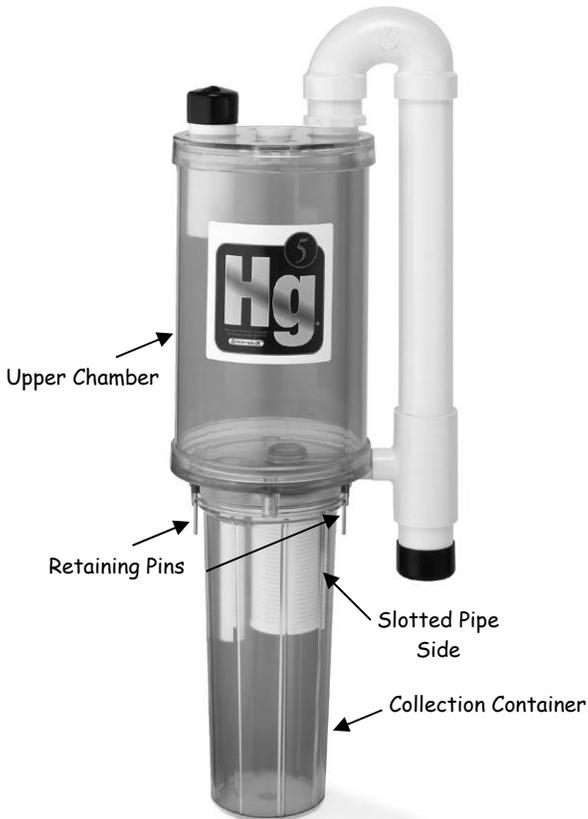


# Hg5® Collection Container Replacement & Recycle Procedure

## Warning

The waste stream treated by the Hg5® is discharge from a dental vacuum system and as such may contain concentrations of solid and soluble mercury and silver. Because of this any spills should be considered hazardous and should be handled in accordance with standard hazardous materials (HAZMAT) handling procedures. Full Collection Containers are a HAZMAT and should be handled, stored and disposed of according to regulations applying to hazardous waste containing mercury. Always wear protective gear when handling full Hg5® collection containers (latex gloves, safety glasses or face shield) and dispose of per local regulations and codes.



Before you begin, observe the upper chamber of your Hg5® Amalgam Separator. If liquid is present in the upper chamber, wait until the liquid has drained down into the collection container before proceeding to replace the collection container.



**THIS PROCEDURE SHOULD BE PERFORMED ONLY WHEN NO OPERATORIES ARE BEING USED AS LOSS OF CHAIRSIDE VACUUM MAY OCCUR. LEAVE THE VACUUM SYSTEM RUNNING DURING THE ENTIRE COLLECTION CONTAINER CHANGE OUT PROCEDURE!**

1. Sanitize the vacuum system using the sanitization procedure established at your facility. It is good practice to leave the vacuum pump running for 5 to 10 minutes every time the system is sanitized in order to allow excess liquid time to evacuate the lines.

## 2. SAVE INNER CARTON AND FOAM END CAPS FOR RETURN SHIPMENT OF YOUR FULL COLLECTION CONTAINER! Contents are as follows:

- a. One (1) Hg5® Instruction Sheet.
- b. One (1) Hg5® Collection Container.
- c. Two (2) Foam Packaging End Caps.
- d. One (1) plastic cylinder with blue cover and foam insert.
- e. One (1) box with prepaid UPS label attached.
- f. One (1) 15" length of Packaging Tape.
- g. Two (2) 6" length of Packaging Tape.
- h. Small plastic bag with (2) blue and (2) red caps.





**Note** the vacuum gage reading

3. Remove the new collection container from the plastic cylinder.
 

**With the vacuum system still running**, remove the full collection container from the Hg5® Unit as follows:

  - a. Support the collection container with one hand, removing the retaining pins with the other hand.
  - b. Tilt the collection container to the side to release from the system (away from the vacuum side).
  - c. Then pull down to release the entire collection container.
4. **With the vacuum system still running**, Install your new collection container:
  - a. The collection container can be installed only one way. Note the alignment of the fittings on the collection container with the receiver holes in the upper unit.
  - b. Gently insert the fittings into the receiver holes. This can be accomplished by rocking the collection container slightly. The O-rings on the fittings should seat easily into the upper unit receivers.
  - c. Continue to push the collection container into the upper unit until it is fully seated.
  - d. Insert the retaining pins into their holes until seated. The collection container is now locked into place.

5. Fill out the information label:
  - a. Enter the "Date Installed" on the new collection container.
  - b. Enter the "Next Change Due" on the new collection container.

**NOTE: YOUR COLLECTION CONTAINER MUST BE CHANGED ONCE EVERY TWELVE (12) MONTHS OR WHEN THE SEDIMENT LEVEL REACHES THE FULL LINE, WHICHEVER OCCURS FIRST.**

**CHECK THE SEDIMENT LEVEL OF THE COLLECTION CONTAINER WEEKLY.**

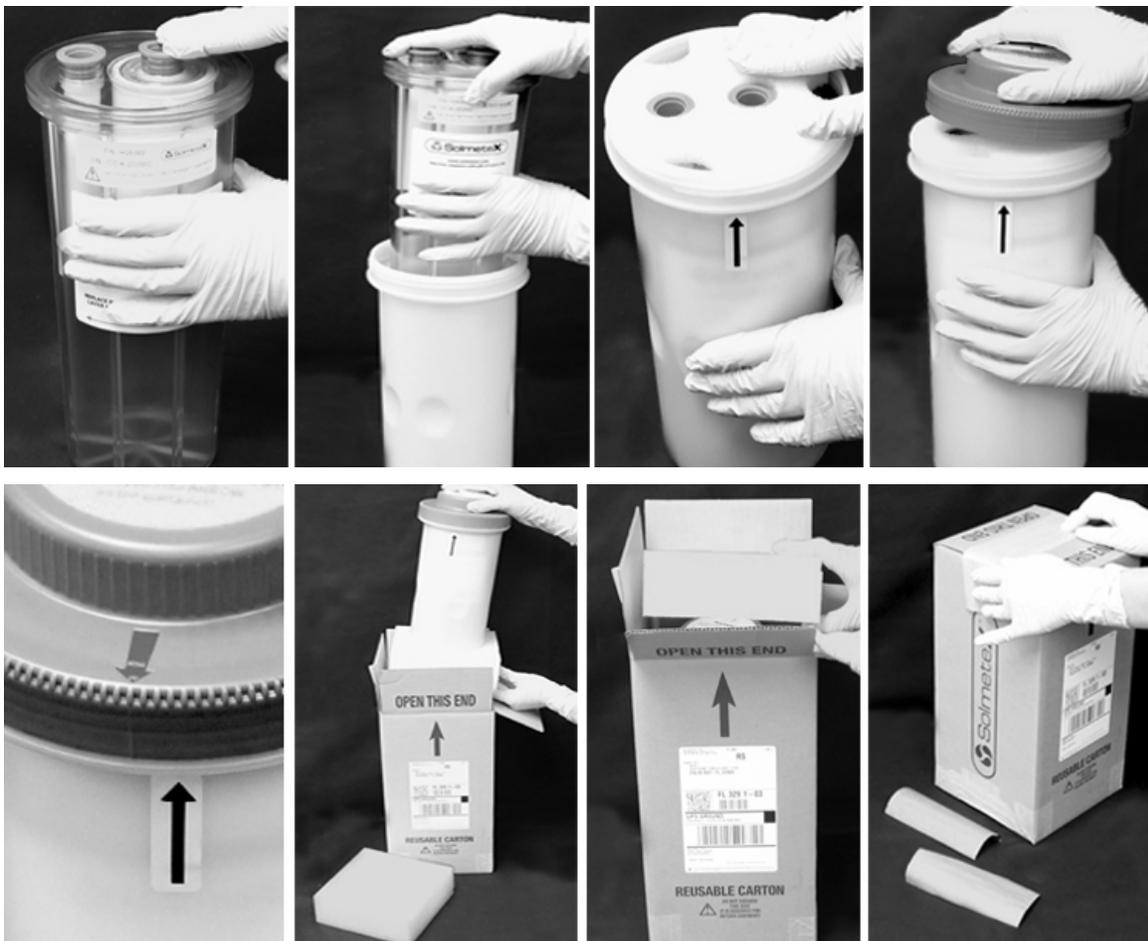
6. Note the vacuum gauge reading. The reading should be the same as before the collection container change.

In order to avoid leakage during shipment to the recycle facility it is necessary to use the correct caps:

If the collection container you are returning for recycle has a serial number beginning with **CC-K**, use the **BLUE** caps to seal the container. **OR** If the collection container you are returning for recycle has a serial number beginning with **CC-L**, use the **RED** caps to seal the container.



- 7 Place *BLUE* caps in collection containers with serial number beginning with *CC-K* or place *RED* caps in collection containers with serial number beginning with *CC-L* into the inlet and outlet fittings of the full collection container.
- Place the spent collection container into plastic cylinder
  - Place round foam insert on top of collection container in the cylinder
  - Screw down lid securely – completely tighten lid so that the arrow on the blue lid is past the arrow on the side of the plastic cylinder
  - Place the plastic cylinder into the bottom foam and insert into the shipping carton
  - Place top foam onto the plastic cylinder
  - Close the box.
8. Package and Shipment of the full collection container:
- Using a wet sponge, thoroughly moisten the 15” piece of shipping tape and apply to the center seam ensuring a tight seal.
  - Using a wet sponge, thoroughly moisten each 6” piece of shipping tape and apply to the box end seams ensuring a tight seal.
  - Call UPS at 1-800-742-5877 to schedule pick up.
  - You can download a Certificate after your collection container has been received at the recycler. Please go to [www.solmetex.com](http://www.solmetex.com) click on Recycling Certificate Login within 4 – 6 weeks.
9. Retain your picking slip which has your customer receipt on it. The UPS tracking number is also on this information for your returned recycle kit.



All packaging must be used to ship to recycler including all foam inserts in order to avoid leakage during shipment to the recycler facility.

