



Solmetex™

Hg5® Collection Container
Replacement & Recycle Procedure

Hg5[®] Amalgam Separator



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.



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.

- 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.
- Full collection containers should be handled, stored and disposed of according to regulations applying to hazardous waste containing mercury.
- Any spills should be considered hazardous and should be handled in accordance with standard hazardous materials handling procedures.

NOTICE

- Keep the vacuum system running during the entire collection container replacement procedure.
- This procedure should be performed only when no operatories are being used as loss of chairside vacuum may occur.

Contents of Recycle Kit

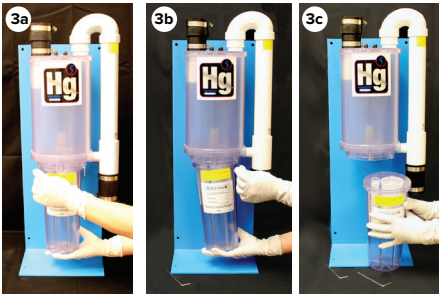
- One (1) Hg5 Collection Container procedure instructions.
- One (1) Hg5 Collection Container with red plugs.
- Two (2) Foam packaging end caps.
- One (1) Plastic sleeve with blue cover and foam insert.
- One (1) Box with the prepaid UPS label attached.
- One (1) 15" length of packaging tape.
- Two (2) 6" length of packaging tape.
- One (1) Small plastic bag with 2 clear snap caps.
- One (1) packing slip envelope for return shipping label.



Change Collection Container

1. **Save inner carton and foam end caps for return shipment of your full collection container.**
2. Recognize the vacuum gauge reading before changing the container.
3. Remove the new collection container from the plastic sleeve. Remove red plugs and dispose.

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).
- c. Pull down to release the 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.



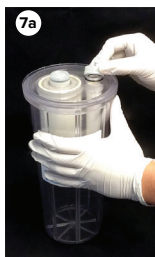
5. Fill out the information label:
 - a. Enter the "Date Installed" on the new collection container.
 - b. Enter the "Next Change Due" on the new collection container.
6. The vacuum gauge reading should be the same after the collection container is changed.

Recycle Collection Container

NOTICE

Note and record the "Shipping Code" located on blue lid of the sleeve prior to packing the container. It will be required to obtain the return UPS shipping label.


7. a. Place the **CLEAR** snap caps provided over the inlet and outlet fittings of the full collection container. Press down firmly on the clear caps until they snap into place over the black o-rings.
- b. Place the full collection container into the plastic sleeve.
- c. Place round foam insert on top of collection container in the plastic sleeve.
- d. Screw down lid securely.



- e. Completely tighten lid so that the arrow on the blue lid is past the arrow on the side of the plastic sleeve.
- f. Place the plastic sleeve into the bottom foam and insert into the shipping carton.
- g. Place top foam onto the plastic sleeve.
- h. Close the box.



8. Package and Shipment of the full collection container:

 WARNING	
<ul style="list-style-type: none"> To avoid leaking hazardous material during shipment carefully follow steps 7, 8 and 9. Before taping shipping box, ensure all packaging, foam inserts, have been properly used. 	

- a. Using a wet sponge, thoroughly moisten the 15” piece of shipping tape and apply to the center seam. Also moisten each 6” piece of shipping tape and apply to the box end seams ensuring a tight seal.
 - b. To obtain shipping label for recycling, go to www.solmetex.com. Click on “Recycling Program” for instructions on how to obtain & print shipping label. See page 6 for additional details.
 - c. Place UPS shipping label into the packing slip envelope, remove backing and place envelope on box.
 - d. You can download a certificate after your collection container has been received at the recycler. Please go to www.solmetex.com, click on Recycling Program/ Certificate Login and enter information. See page 6 for additional details.
9. Retain your picking slip for information to locate your account number that will be necessary for login.



In 1999, Solmetex designed the Hg5 that has quickly become the industry standard in Amalgam Separation. We have extensive experience in water chemistry, chemical separation science, process engineering, high performance manufacturing as well as Federal, State and local regulations governing water and hazardous wastes. What makes Solmetex different is our 'Total Solution Provider' concept – integrating waste handling and recycling into our complete product line to provide a truly *green* set of solutions. Solmetex is the global leader and our Hg5 system is the gold standard in high performance amalgam separation.

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