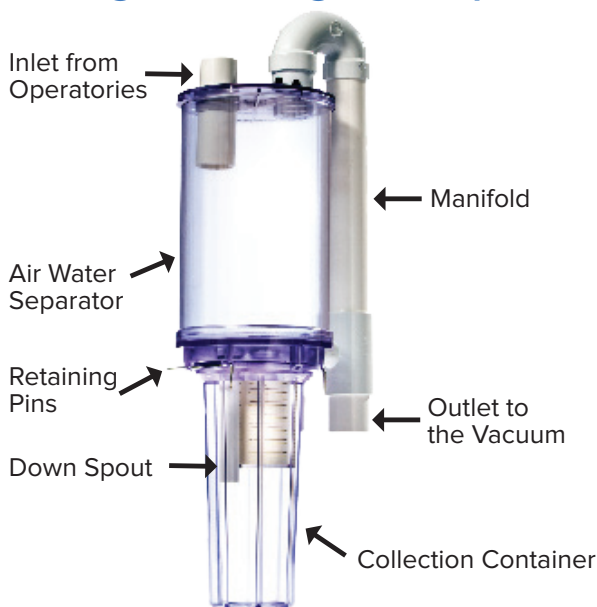




**Solmetex™**

Hg5® Collection Container  
Replacement & Recycle Procedure

# Hg5<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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.
- If using a variable speed vacuum, refer to the vacuum manufacturer's user guide. Insure at least one suction valve is open and vacuum is engaged before changing the collection container.
- This procedure should be performed only when no operatories are being used as loss of chairside vacuum may occur.

# Contents of Recycle Kit

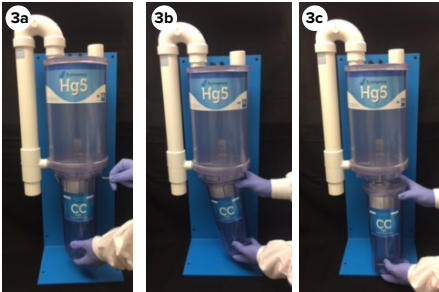
- One (1) Hg5 Collection Container procedure instructions
- One (1) Hg5 Collection Container with red plugs
- Two (2) pulp packaging end caps
- One (1) plastic sleeve with blue cover and foam insert
- One (1) recycle shipping box
- One (1) 15" length of packaging tape
- Two (2) 6" lengths of packaging 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 pulp 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 and dispose of red plugs.**

**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, while removing the retaining pins with the other hand.
- b. Tilt the collection container to the side to release the vacuum, then pull down to remove 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.



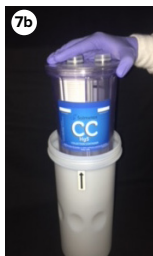
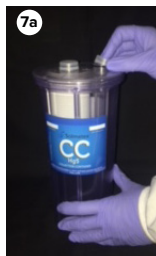
5. Fill out the information label:
  - a. Enter the “Date Installed” on the new collection container.
  - b. Enter the “Next Change Due” on the new collection container.
6. The vacuum gauge reading should be the same after the collection container is changed.

## Recycle Collection Container

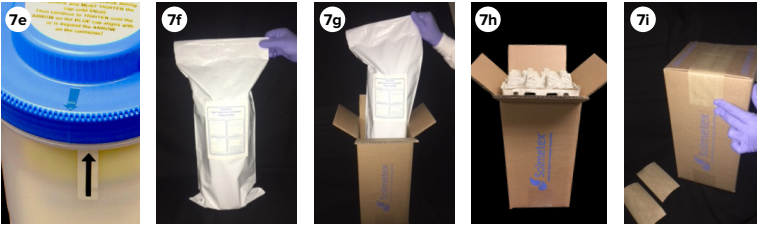
### NOTICE

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 plastic sleeve into enclosed plastic recycling bag. Follow instructions on plastic bag for proper sealing to ensure leak-proof shipping.
- g. Place the plastic bag and sleeve into the bottom pulp end cap and insert into the shipping carton.
- h. Place pulp end cap over blue lid to secure container in box for shipping.
- i. Close the return shipping box and prepare for shipping.



8. Packing and shipping of the full collection container:

 <b>WARNING</b>	
<ul style="list-style-type: none"> <li>• <b>Package and ship collection container immediately to avoid unnecessary leakage or exposure to waste.</b></li> <li>• Before taping shipping box, ensure all packaging, foam inserts, have been properly used.</li> <li>• To avoid leaking hazardous material during shipment carefully follow steps 7, 8 and 9.</li> </ul>	

- 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](http://www.solmetex.com). Hover over “Recycling Program” for instructions on how to obtain and print shipping label. See page 6 for more details.
  - c. Place UPS shipping label into the packing slip envelope, remove backing to expose adhesive 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](http://www.solmetex.com), click on Recycling Program/ Certificate Login and enter information. See page 6 for additional details.
  - e. **IMPORTANT:** Ship collection container package **immediately** to avoid unnecessary leakage or exposure to waste.
9. Retain your picking slip. It contains your account number which will be necessary for login.

# Shipping Label Code and Recycling Certificate Instructions

## Shipping Procedure:

1. Please locate “Shipping Code” (see below) prior to packing container.



**Solmetex**

50 Deerfoot Road  
Northborough, MA 01532  
Phone: (508) 383-8115  
Fax: (508) 383-1706

Picking Slip

DATE: JAN 07, 2014 Page: 1  
Shipment Number: SH00000000000000000000

**“Account number”**

Sold To:  
Your Dealer of choice  
1234 Customer Lane  
Anytown, MA 12345

Account #:  
00012345  
Shipment #:  
789 Winter Ville  
Anytown, CA 12345

Reference	PO Number	Dealer No.	Salesperson	Ship Via	Ship Date	
CRH000000000000	12345678	12345678		001	Jan 02, 2016	
Picking Sequence	Item Number	Description	Qty Ordered	UOM	Qty Shipped	Qty Stocked
	1101-000CR	COLLECTION CONTAINER WITH RECYCLING	1.0000	EA	1.0000	0.0000

2. Visit [www.solmetex.com](http://www.solmetex.com), locate and hover over “Recycling Program” in the menu bar.
  - Select and click on “Shipping Label” from drop down menu
  - Enter “Account Number” and “Zip Code”
  - Click on “Shipping Label” and fill in all necessary information
  - Print the label, place the label into the packing slip envelope, remove backing from envelope and place on box for UPS pick up or call 1-800-742-5877 to schedule pick up.

## Recycling Certificates:

Visit [www.solmetex.com](http://www.solmetex.com), locate and hover over “Recycling Program” in the menu bar.

- Select and click on "Certificate Login" from drop down menu.
- Enter “Account Number” and “Zip Code”. These can be found on the packing slip that is included with each Solmetex shipment.
- You can view, print or download and save the pdf to your computer from the website.

Visit [www.solmetex.com](http://www.solmetex.com) for more information and “Live Chat” Monday – Friday 8:30 am – 5:00 pm EST or contact us at 800-216-5505.

Recycling Certificates may take up to 30 days from date shipped to the recycler to process.

# Visual Inspection Log



## Visual Inspection Log

### Operations and Maintenance Plan

Solmetex provides a Visual Inspection Log for weekly maintenance reporting online at: <http://www.solmetex.com/visualinspectionlog>

Easy to use, print the inspection log and place it next to your amalgam separator. Date and sign the log weekly upon inspection, this will help keep your office in compliance.

Office Name: \_\_\_\_\_

Account Number: \_\_\_\_\_

Date (MM/DD/YYYY)	Signature

[www.solmetex.com](http://www.solmetex.com) 1.800.216.5505

Post this log by your Hg5 Amalgam Separator for weekly maintenance tracking.

Available to print online at: [www.solmetex.com/visualinspectionlog](http://www.solmetex.com/visualinspectionlog)



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.

Solmetex LLC  
50 Bearfoot Road  
Northborough, MA 01532

800.216.5505