



**Solmetex™**

NXT Hg5® Collection Container  
Replacement & Recycle Procedure

# NXT Hg5 Amalgam Separator



Your collection container must be changed once every twelve (12) months or when the sediment level reaches the full line on the collection container label; whichever occurs first. Check the sediment level of the collection container weekly.



## WARNING

The waste stream treated by the NXT 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 NXT 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.

## IMPORTANT!

KEEP 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) NXT Hg5 Collection Container Replacement & Recycle Procedure instructions
- One (1) NXT Hg5 collection container with red plugs
- One (1) recycle cap with unique shipping code
- One (1) plastic recycle bag
- Two (2) corrugated end caps
- One (1) recycle shipping box
- One (1) 15" length of packaging tape
- Two (2) 6" lengths of packaging tape
- Two (2) loose red plugs
- One (1) packing slip envelope for return shipping label



## Change Collection Container

1. **Save inner carton and corrugated end caps for return shipment of your full collection container.**
2. Note the vacuum gauge reading before changing the collection container, as the reading should remain unchanged after collection container change-out.
3. Remove the new collection container, unscrew recycle cap, **remove red plugs** and set aside.
4. **With the vacuum system still running**, remove the full container from the NXT 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 the vacuum then pull down to remove the collection container.
5. **With the vacuum system still running**, install your new collection container as follows:
  - 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. Align the collection container so that the longer nozzle fitting is in line with and on same side as the outlet port on the upper unit.

- c. Gently insert the collection container fittings into the upper unit receiver holes.
- d. Continue to push the collection container into the upper unit until it is fully seated.



- e. Insert two (2) retaining pins into their holes on each side of collection container until seated. The collection container is now locked into position.
6. Fill out the information on label:
    - a. Enter the "date installed" on the new collection container.
    - b. Enter the "Next Change Due" on the new collection container.
  7. The vacuum gauge reading should be the same after the collection container is changed.

## Recycle Collection Container



### WARNING

- **Package and ship collection container immediately to avoid unnecessary leakage or exposure to waste.**
- Before taping shipping box, ensure all packaging, including corrugated end caps, have been properly utilized.
- To avoid leaking hazardous material during shipment carefully follow steps 8 and 9.

8. Push two red plugs into top of spent collection container, place recycle cap onto collection container and screw down tightly to the point where the O-ring seal is no longer visible and the cap is flush against the collection container.

9. **IMPORTANT:**

Note and record the “Shipping Code” located on the Recycle Cap. This will be required to obtain a return shipping label.



10. Place the sealed container into the recycle return box between the corrugated end caps (one at each end) to protect container during shipment.



11. Close the return shipping box and prepare box for shipment of full collection container.
- 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.
  - To obtain shipping label for recycling, go to [www.solmetex.com](http://www.solmetex.com), click on “Compliance Center”, login to print shipping label. See page 6 for additional details.
  - Place UPS shipping label into the packing slip envelope, remove backing to expose adhesive and place envelope on box.
  - Ship collection container package **immediately** to avoid unnecessary leakage or exposure to waste.
  - You can download a certificate after your collection container has been received at the recycling facility. Please go to [www.solmetex.com](http://www.solmetex.com), click on “Compliance Center” and login to view certificates. See page 6 for additional details.
12. **IMPORTANT:** Retain your packing slip. It contains your account number that will be necessary for login.  
**Note:** If your product was shipped directly from your dealer, you may not have a Solmetex packing slip. In this event, please contact Solmetex Customer Service for further assistance.

### Shipping Procedure:

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 <b>Solmetex</b> 50 Bearfoot Road Northborough, MA 01532 Phone: (508) 393-5115 Fax: (508) 393-1795	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Picking Slip</b> </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Date</b>          Nov 12, 2021       </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Page</b>          1       </div>
	<b>Shipment Number</b> SH0000000000000000123456		
	<b>"Account Number"</b> <div style="display: flex; align-items: center; justify-content: center;"> <div style="color: red; font-size: 2em; margin-right: 10px;">}</div> <div style="border: 1px solid black; padding: 2px;">             000123456           </div> </div> No Transp. License 123 Winterville Ln AnyTown, MN 05432		

  

<b>Sold To:</b>  Your Dealer of Choice 1234 Summer Lane AnyTown, MA 01234 USA	<b>Ship To:</b>  000123456 No Transp. License 123 Winterville Ln AnyTown, MN 05432
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<b>Reference</b>	<b>PO Number</b>	<b>Customer No.</b>	<b>Salesperson</b>	<b>Ship Via</b>	<b>Ship Date</b>
ORHD00000000000001	123456789	12345678		000	Nov 12, 2021

  

Picking Sequence	Item Number	Description	Qty. Ordered	UOM	Qty. Shipped	Qty. Backorder
	NXT-Hg5-00CR	NXT Hg5 Collection Container with Recycle Kit	1.00000	EA	1.00000	0.00000

2. Visit [www.solmetex.com](http://www.solmetex.com), click on "Compliance Center" in the menu bar.
3. Login to the Compliance Center portal with your email address and password. If this is the first time logging into the portal, you will need to create a login using your Solmetex account # (located on your packing slip) and your zip code. **Note:** If your product was shipped directly from your dealer, you may not have a Solmetex packing slip. In this event, please contact Solmetex Customer Service for further assistance.
4. Within the portal, locate "Shipping Label" located in the upper right corner of the portal window.
5. Select Product Type "NXT/Hg5 Recycling Container" and enter Shipping Code located on screw top lid, then press 'submit'.
6. 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.

- Visit [www.solimetex.com](http://www.solimetex.com), click on “Compliance Center” in the menu bar.
- Login to the portal with your email address and password.
- Select the "Compliance Certificates" tab
- You can view, print, download and/or save the.pdf to your computer from the website.

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

# Visual Inspection Log



# Visual Inspection Log

Solmetex recommends weekly inspection of your NXT Hg5 series Amalgam Separator. Use this log to ensure proper operation and maintenance. Visually inspect the collection container weekly to determine the level of solid waste. It is time to change the collection container when solids reach the full line or it has been one year, whichever occurs first.

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

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

[illegible]

To download a copy of this log, go to: [www.solmetex.com/visualinspectionlog](http://www.solmetex.com/visualinspectionlog)

[www.solmetex.com](http://www.solmetex.com) | 800.216.5505

Post this log by your NXT 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 which quickly became 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.

The Solmetex product line offers a truly *green* "Complete Solution" to dental waste handling and recycling. The Solmetex NXT Hg5 series is the global leader and gold standard in high performance amalgam separation.

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