

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.



Collection
Container

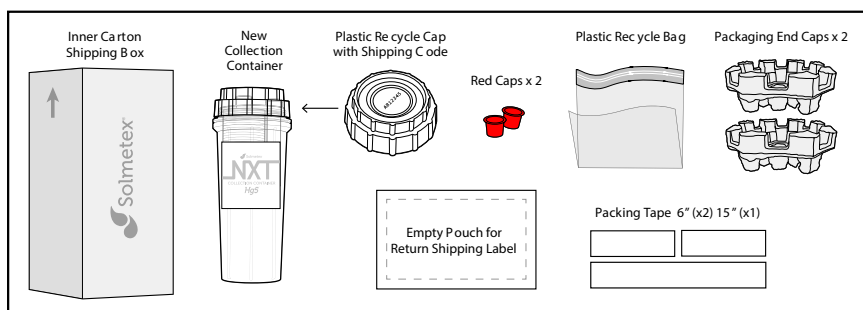
WARNING 

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.

Contents of Recycle Kit

- One (1) Replacement & Recycle Procedure instructions
- One (1) NXT Hg5 collection container
- One (1) recycle cap with unique shipping code
- One (1) plastic recycle bag
- Two (2) packaging end caps
- One (1) recycle shipping box
- Three (3) lengths of packaging tape - 15" (x1) 6" (x2)
- Two (2) loose red plugs
- One (1) Clear adhesive pouch for return shipping label



Change Collection Container

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.
- This procedure should be performed only when no operatories are being used as loss of chairside vacuum may occur.
- Note the vacuum gauge reading before changing the collection container, as the reading should remain unchanged after collection container change-out.

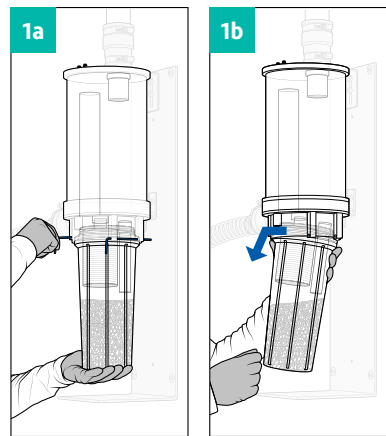
Before you Begin:

Unpack the new collection container, unscrew recycle cap (with "Shipping Code" on label), locate red plugs, and set aside. Save inner carton and packaging end caps to use for return shipment of your full container.

Locate the **"Shipping Code"** on the label of the recycle cap that came with the replacement collection container. **Write this "Shipping Code" on the outside of the box** provided to ship your full container to the recycler. This number will be needed to create a shipping label and will not be visible once the container is sealed in the box in a later step.

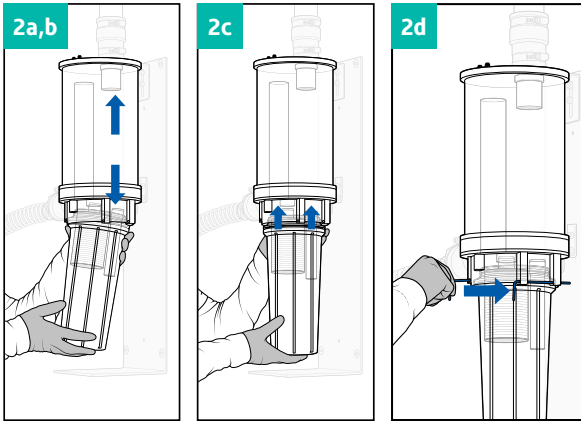
Remove Used Collection Container:

1. **With the vacuum system still running,** remove the full container from the NXT Hg5[®] system 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.



Replace New Collection Container:

2. **With the vacuum system still running**, install your new collection container as follows:



- a. The collection container can be installed only one way. 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.
 - b. Gently insert the collection container fittings into the upper unit receiver holes.
 - c. Continue to push the collection container into the upper unit until it is fully seated.
 - d. Insert two (2) retaining pins into their holes on each side of collection container until seated. The collection container is now locked in position.
3. Fill out the information on label:
- e. Write the "Date Installed" on the new collection container.
 - f. Write the "Next Change Due" on the new collection container.

The vacuum gauge reading should be the same after the collection container is changed.

Recycle Used Collection Container

WARNING

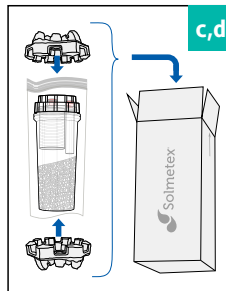
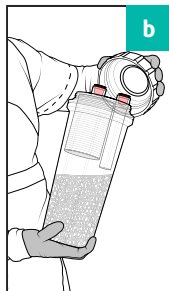
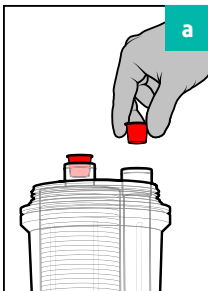
Package and ship collection container immediately to avoid risk of leakage or exposure to waste

IMPORTANT

Before proceeding, locate and record the unique "Shipping Code" located on the Recycle Cap. This will be required to obtain a return shipping label.

Sealing and Safely Packaging for Shipment:

- Install two red caps included in package by fitting them into the two open ports on the container.
- Place recycle cap onto collection container. Screw down tightly to the point where the O-ring seal is no longer visible and the cap is flush against the collection container.
- Place the sealed container into plastic bag and seal
- Place sealed bagged container into the recycle return box between the packaging end caps (one at each end) to protect container during shipment.
- Close the return shipping box and prepare to seal.
- Seal Box: 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.



Shipping Label Instructions:

Have the “Shipping Code” ready. This was the unique number from the top lid on the old collection container that was captured before the box was sealed. If you don’t have this information, contact our customer service via chat at Solmetex.com or by phone at 1.800.216.5505.



Note: UPS Shipping labels are connected to the individual Shipping Code on your collection container and cannot be reused for other shipments. Mismatched labels and contents may affect your EPA compliance documentation.

Before you begin: Your UPS label will display in a new window. Make sure your browser allows pop-ups from this site or disable your pop-up blocker before proceeding.

1. Visit www.solmetex.com and click the “Recycling Shipping Label” button on the homepage which will take you to My Solutions Center.
2. Sign into My Solutions Center and locate “Print Shipping Label” on the screen. If this is your first time logging into the portal, but your office already has an account, follow the instructions to “Register” your new user account. It’s easy! If your office is new to Solmetex, contact Customer Service (chat or phone) to be setup in the portal. You will need an account to download your recycling certificates.
3. Within the portal, click on “Print Recycling Label” located on the left side of screen.
 - a. Select **Product Type “NXT Hg5™ Collection Container with Recycling Kit”** and **enter Shipping Code** located on screw top lid, then **press ‘submit’**.
4. Your UPS shipping label will display. If not, confirm pop-up blockers are off.
5. Print the UPS label, place the label into the included packing slip envelope, remove backing from envelope and place on box for UPS pick up, or **call UPS at 1-800-742-5877 to schedule a FREE pickup for this package.**

Accessing Your Recycling Certificate:

To access your recycling certificate, visit solmetex.com and click on “My Solutions Center” in the menu bar. Login to the portal using your email address and password, then select the “Recycling Certificates” tab. From there, you can view, print, download, and save the PDF to your computer. Please note that recycling certificates may take up to 30 days from the date shipped to the recycler to process.

For More Information:

→ Call Solmetex **800.216.5505** → or “Live Chat” with us at solmetex.com
Mon. thru Fri. 8:30am – 5:00pm EST



**For manuals in other languages,
please visit solmetex.com or
scan the code.**

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.

