



**Solmetex™**

NXT Hg5® Collection Container  
Replacement Procedure



CANADA - *English*  
(INTERNATIONAL)

# 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.

## 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) NXT Hg5 Collection  
Container Replacement  
Procedure instructions

One (1) NXT Hg5 collection  
container with red plugs

One (1) collection container cap

Two (2) loose red plugs



## Replace Collection Container

1. Note the vacuum gauge reading before changing the collection container, as the reading should remain unchanged after collection container change-out.
2. Remove the new collection container, unscrew recycle cap, remove red plugs and set aside.
3. **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.
4. **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.
5. 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.
6. The vacuum gauge reading should be the same after the collection container is changed.

7. 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.



**8. WARNING: Package and ship collection container immediately to avoid unnecessary leakage or exposure to waste.**

9. Refer to your dealer for recycling/disposal procedures.



# Visual Inspection Log

Solmetex provides a Visual Inspection Log for weekly maintenance reporting. Online at: [www.solmetex.com/visualinspectionlog](http://www.solmetex.com/visualinspectionlog).

Use this log with the Hg5 Series of Amalgam Separators to ensure proper operation and maintenance. Visually inspect the collection container weekly to determine the level of solid waste. Collection container is replaced when solids reach the full line or once a year, whichever comes first.

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

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

[illegible]

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

1.800.216.5505

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 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 series of systems is the gold standard in high performance amalgam separation.

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