

Product Knowledge Guide

NXT Hg5 Series of Amalgam Separators

New compact design for hard-to-fit spaces

Market leader in the industry
ISO 11143:2008 certified at 99% separation rate
Easy to operate

NXT Hg5 is clear by design → to visually inspect system

No tools necessary
No daily maintenance
No decanting

Easy change out of the collection container →
Simple to change either by dental personnel or technician

No additional charge for recycling

Online certificates of compliance



← **Flexible installation**, position for right or left orientation

Functional for both wet and dry vacuum systems

Install before pump on wet vacuum systems

Install before tank on dry vacuum systems

Save life of vacuum system:

- ▶ **Wet Ring Pumps** - By collecting solids and sedimentation, the NXT Hg5 will save on the purchase of pinnacle traps and reduce the wear of the solids passing through the wet ring pumps.
- ▶ **Dry Vacuums** - Reduces sludge build up in the air-water separator tank of a dry vacuum system. Less time and money spent on maintenance and repair to the vacuum system.

Key Points

- ▶ **Better for the environment**
Keeps mercury from entering the waste streams.
Eco friendly packaging, 100% recyclable
- ▶ **Does not require a contract**
No hidden fees with contracts.
- ▶ **Extends the life of the vacuum system**
By preventing the particulates from passing through a wet vacuum pump, it will save money of repair from the wear and tear on the wet vacuum system. Saves on replacement and recycling of vacuum traps.
- ▶ **Recycling and documentation included with new collection container**
Easy to use recycling program
Shipping and recycling included in cost
Documentation available on our website.
www.solmetex.com
- ▶ **Certification : ISO 11143:2008**

NXT Hg5 Maintenance

Troubleshoot NXT Hg5 Systems

Problem: Solids reach full line of collection container.

Solution: Change the collection container.
▶ Leave the vacuum running during process.

Problem: Solids above full line of collection container.

Solution: Change the collection container.
▶ Inspect the top chamber for solids.

Problem: Top chamber has some solids.

Solution: System is backed up - will potentially damage vacuum.
▶ Turn on vacuum
▶ Remove pins
▶ Tilt container towards manifold to allow air into top chamber
▶ Place container back on and insert pins
▶ Change collection container if full

Problem: Top chamber is full with solids.

Solution: System is in bypass.
▶ Reduction in suction
▶ Solids released into waste stream and environment
▶ Top chamber needs to be replaced
▶ Full top chamber needs to be recycled

Problem: Top chamber has some solids - container not full.
Check what type of line cleaner is being used.
The pH must be between 6 & 10 (MA 6.5 & 9).

Solution: Clogs in top chamber.
▶ Turn on vacuum
▶ Remove pins
▶ Tilt container towards manifold to allow air into top chamber
▶ Place container back on and insert pins

Problem: The equipment/utility room has poor lighting.

Solution: Bring a flashlight to check the container.
▶ Using a flashlight from the backside of the system and shining it forward will help determine the level of sedimentation.
▶ Also can be used to inspect the top chamber using the same procedure.

