

Product Knowledge Guide

NXT Hg5 Series of Amalgam Separators

1
New compact design

For hard-to-fit spaces

2
Market leader in the industry

ISO 11143:2008 certified

3
Easy to operate

- No tools necessary
- No daily maintenance
- No decanting

4
Easy collection container change out

Simple to change either by dental professional or technician

5
Functional with both wet and dry vacuum systems

- Install before pump on wet vacuum systems
- Install before tank on dry vacuum systems


Flexible installation

Position for right or left orientation

6
Extends life of vacuum system

Wet Ring Pumps - By collecting solids and sediment, the NXT Hg5 saves on the purchase of pinnacle traps and reduces the wear caused by 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

7
No additional charge for recycling

Easy mail-back service

8
Certificates of recycling

Available online 24/7

9

Key Points

▶ Better for the environment

Removes approximately 4,400 lbs of mercury from waste streams every year while also saving approximately 130 billion gallons of water

▶ Eco-friendly packaging, 100% recyclable
▶ Extends the life of the vacuum system

Prevents particulates from passing through the wet vacuum pump, protecting the pump from unnecessary wear and tear and potential repair costs

▶ Easy mail-back recycling program

Shipping and recycling included in cost

▶ No contracts or hidden fees
▶ Certificates of Compliance
 Available on our website 24/7

▶ Certification: ISO 11143:2008

Troubleshooting NXT Hg5 Systems

Problem

Solids reach full line of collection container

Solution

Replace the collection container

- Leave the vacuum running during the collection container replacement process

Problem

Solids above full line of collection container

Solution

Replace the collection container

- Inspect the top chamber for solids
- Leave the vacuum running during the collection container replacement process

Problem

Top chamber has some solids

Solution

System is backed up - could potentially damage vacuum

- Turn on vacuum
- Remove pins
- Tilt container toward manifold to allow air into top chamber
- Place container back on and insert pins
- Change collection container if full

Problem

Top chamber is filled with solids

Solution

System is in bypass

- Reduction in suction
- Solids released into waste stream and environment
- Top chamber must be replaced
- Full top chamber must be recycled
- New EPA regulation requires repair or replacement within 10 days of malfunction

Problem

Top chamber has some solids; container not full

Solution

Clogs in top chamber

- Check what type of line cleaner is being used. The pH must be between 6 & 8
- Turn on vacuum
- Remove pins
- Tilt container toward manifold to allow air into top chamber
- Place container back on and insert pins

Problem

Poor lighting in equipment room

Solution

Use flashlight to check collection container

- Using a flashlight from the backside of the system, shine light forward to help determine the level of sedimentation
- Use same procedure to inspect top chamber