

Product Knowledge Guide

Hg5 Series of Amalgam Separators

Market leader in the industry
ISO 11143:2008
Easy to operate

Hg5 is clear by design →
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



← **Flexible design**
Adjustable for hard-to-fit with 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 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**
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**

Hg5 Maintenance

Troubleshoot 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
▶ New EPA Regulation requires repair or replacement within 10 days of malfunction

Problem: Top chamber has some solids - container not full.
Check what type of line cleaner is being used.
The pH must be between 6 & 8 (MA 6.5 & 8).

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.

