

Product Knowledge Guide

Hg5 Series of Amalgam Separators



Market leader in the industry
ISO 11143:2008 certified
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**
Keeps mercury from entering the waste streams.
- ▶ **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**

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

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.



