

Product Knowledge Guide

Hg5

Hg5 Series of Amalgam Separators

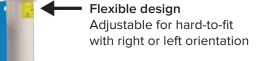
Market leader in the industry ISO 1143:2008 with 99.9% certified Easy to operate

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



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 maintnance 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
 though 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.



