

GUARDIAN™ AMALGAM COLLECTOR



Isn't it time to stop discharging mercury into our environment?

Now you can make a difference with the Guardian Amalgam Collector.

More and more states mandate the installation of amalgam separation devices in dental offices.

The Guardian Amalgam Collector is designed to remove dental amalgam from dental waste water before it is discharged into the environment.

Why not take a step towards improving our environment now?

With the Guardian Amalgam Collector it's so easy to make a difference. Integrate Guardian into your practice now to positively impact our environment in the future.



Guardian™
Amalgam Collector

AIR
TECHNIQUES
INC.

The Amalgam Problem

Millions of amalgam fillings are placed and removed in dental offices every year. Each one of these amalgam fillings contains about 50% toxic mercury. Amalgam waste discharged from dental offices into the environment is contributing to the Mercury pollution which has become a growing concern. As a result, more and more states mandate the installation of amalgam separation devices in dental offices.

The Guardian™ Amalgam Collector

The Guardian Amalgam Collector gives you a simple and cost-effective solution for managing, collecting and recycling mercury bearing amalgam waste in your practice.

Highly Effective: Guardian removes over 99% of the suspended amalgam from your waste water. Exceeding national and local regulations per ISO 11143.

Very efficient: Non-electric, with no moving parts, Guardian is very efficient and does not affect suction pressure. No costly maintenance service is required.

Safe Recycling: The recycling process is safe and simple. We provide you with a system that takes care of separating, collecting and even recycling of your amalgam waste. The Collector is easily replaced on a regular basis depending on the amount of amalgam collected; in an average practice (1-2 users) approximately every 9-12 months.

Easily integrated: Guardian may be easily integrated into your existing wet or dry vacuum system. Many options are available for complete Vacuum and Amalgam Collector setups.



Guardian™
Amalgam Collector

Guardian™ Amalgam Collector Packages

Amalgam Collector Packages

Packages include 2 Guardian Amalgam Collectors with installation fittings and free recycling service.

PN A1100: For use with any dry vacuum system. (Non Air Techniques)

PN A1200: For use with any existing STS Dry Vacuum System.

PN A1300: For use with any single liquid ring vacuum system.
Includes CAS Separator Tank

PN A1400: For use with any dual liquid ring vacuum system.
Includes CAS Separator Tank

Vacuum and Amalgam Collector Packages

In addition to the Guardian Amalgam Collector, these packages include a single or dual STS Dry Vacuum System as well as a CAS Separator Tank. Packages are available in all sizes to fit your practice and can be upgraded for future expansions. Shown on the left are 2 of the many available packages.

For more information on Vacuum and Amalgam Collector packages please visit our website at www.airtechniques.com.

Guardian™ Amalgam Collector Specifications

Dimensions (LxWxH)	10.5" x 6.25" x 7.5"
Volume	3.4 liters (0.9 gal.)
Average Flow Rate	2.5 liters per min. (0.67 gpm)
Separator Efficiency	over 99%
Max. Positive Pressure	2 psi
Max. Negative Pressure	20" Hg
Connection Size	3/4 NPT



Package A15C3

Includes STS-3, 4-Gallon CAS,
Guardian Amalgam Collector

Package A15C1

Includes STS-5, 8-Gallon CAS,
Guardian Amalgam Collector