



Editors' Choice

THE DENTAL ADVISOR
www.dentaladvisor.com

RATINGS:

Excellent + + + + +

Very Good + + + +

Good + + +

Hg Containment System

Anterior Quest

(877) 750-4347

www.anteriorquest.com

Description

The **Hg Containment System** is a containment unit and removal service for management of mercury and amalgam in dental wastewater. This system includes a gravity unit with patented, filterless technology that is designed to be plumbed into any wet or dry vacuum system. As opposed to amalgam separators which use filtration, the **Hg Containment System** is reportedly the only system on the market providing 100% containment of mercury and amalgam. This dual-tank system consists of an upper pressure tank and a lower holding tank. The system is plumbed into the vacuum line between the pump and the main suction line from the operatories and collects the solid waste before reaching the vacuum unit and trap. Visual inspection of the site tube on the lower tank should be performed weekly. Every 60 days, the system is emptied by *Anterior Quest*, and the waste is taken to a licensed disposal facility for safe recycling. The tank can be emptied directly, or an output line can be plumbed to the outside of the building for service without disturbing those in the office. The **Hg Containment System** is fabricated from 12-gauge stainless steel and is available in four standard sizes (30, 60, 90 and 120 gallon capacities), depending on the office's needs. The manufacturer also designs custom-made units when necessary due to size or space requirements. The manufacturer claims guaranteed compliance with government standards requiring installation of an amalgam separator with 95% or greater efficiency. The Hg Containment Series comes with a two-year limited warranty. **Hg Containment System** was evaluated by 20 consultants over a six-month period. This system earned a 99% clinical rating.



Suggested Retail Cost

Hg-60 unit \$2695.00

Average annual service fee \$450.00-550.00

Equipment Features

The **Hg Containment System** provides a solution for removal of mercury and amalgam from dental wastewater in a manner that is virtually maintenance free. It runs in the background, providing dentists with peace of mind that this solid waste is being handled in a manner that exceeds the compliance standards. The unit itself is attractive and well constructed of heavy grade stainless steel. Installation requires no electrical connection; it involves splicing into the existing vacuum line with PVC pipe and causes no decrease in suction. When used in conjunction with a wet vacuum, consultants found that the suction trap, which previously required frequent cleaning, remained very clean. A clear sight tube on the holding tank was checked weekly by consultants, and it never indicated a full tank

Consultants' Comments

"Elegant in its simplicity."

"I love that our custom-sized unit fits perfectly in its space."

"No expensive filters to replace."

"No more cleaning of the suction trap!"

"The removal service is quick and quiet - I didn't even know the service was here."

"Site tube was a little hard to read on one unit."

before *Anterior Quest* arrived for removal of the waste. Dental staff members never have to handle any contaminated waste. The ability to customize the unit to fit into available space is considered to be a unique and valuable feature. One hundred percent of consultants rated the **Hg Containment System** better than various amalgam separators they have used. One hundred percent would switch to the **Hg Containment System** and 100% would recommend it to a colleague.

Clinical Tips

- Watch the fluid window - call for service if the tank is full.
- Continue to use a non-foaming enzymatic cleaner for the suction lines.



Editors' Note

Read more about *Anterior Quest's Hg Containment System* in *THE DENTAL ADVISOR Clinical Case Report No. 31, November 2012, available at www.dentaladvisor.com*