



40
YEARS
EXP

This is my second generation of the Hg5, which replaces my original with a newer and better design.

Stephen Gordon, DDS
Chicago, IL



33
YEARS
EXP

The canisters are very easy to replace, and you can do it while you see patients.

Joel Doyon, DDS
Bar Mills, ME



19
YEARS
EXP

My mind is at ease knowing that my amalgam waste is being recycled properly.

Scott Helle, DMD
Newtonville, MA

SOLMETEX

NXT Hg5

The NXT Hg5 ensures that dental practices safely collect and dispose of mercury waste

4.9

Dental PRODUCT SHOPPER
BEST PRODUCT

Dental practices are the No. 1 source of mercury discharge into sewage treatment plants, according to the federal Environmental Protection Agency (EPA). To protect the environment from the harmful effects of mercury, the EPA issued a federal rule that requires U.S. dental practices to install amalgam separators and recycle mercury-containing waste. The so-called Dental Amalgam Rule requires that any existing dental practice that places or removes amalgam install an amalgam separator by 2020, while newly built dental offices need to comply within 90 days.

Ensuring that your dental practice complies with the EPA rule and other federal, state, and local regulations can seem like a daunting task, but Solmetex, a leader in amalgam separation and mercury waste solutions, is there to help. Solmetex introduced the next generation of its popular Hg5 amalgam separator, the NXT Hg5, to make it easy and cost-effective for dental practices to safely collect and dispose of mercury waste.

After upgrading to the NXT Hg5 in his Chicago practice, Dr. Stephen Gordon is pleased with the newer and better design. "This is a well-designed device that fulfills a definite need for safe mercury collection and disposal/recycling," he told *DPS*. All practices that invest in the NXT Hg5 amalgam separator, including those who participated in this *DPS* evaluation, can be assured that they're doing their part to protect the environment.

Overall Recycling Program/Process

Because it collects, recycles, and disposes of mercury discharge, Solmetex calls its program the Total Solution Approach. The NXT Hg5 collects amalgam containing mercury into a collection container that can easily be replaced when full.



The full containers are then shipped to an EPA-certified mercury facility via Solmetex's convenient mail-back recycling program. Further, every time a practice recycles, Solmetex documents recycling history in their online Compliance Center, where certificates of compliance are accessible online 24/7 at www.solmetex.com.

"It's a very convenient system to add to your existing suction and wastewater system, with easy maintenance," shared Dr. Mitchell Pasenkoff. Dr. Scott Helle appreciates that Solmetex includes an amalgam bucket, which is now required by the EPA, for the proper recycling of dry amalgam waste from chairside traps, teeth with amalgam, spent amalgam capsules, vacuum filters, and other sources. "My mind is at ease knowing that my amalgam waste is being recycled properly."

Ease of Installation

The NXT Hg5 is available in multiple sizes to fit the needs of any size dental practice. The NXT Hg5 serves practices with 1 to 10 operatories, and the NXT Hg5 mini accommodates waste in smaller offices with 1 to 4 chairs. Both have the option to mount to the floor or wall. For large practices, the NXT Hg5 High Volume mounts to the wall and services 11 to 20 operatories.

When Dr. Helle purchased the NXT Hg5 for his second new practice recently, Solmetex Customer

takeaways

- Safely removes mercury from wastewater according to EPA standards
- Simple installation by trained professionals
- Collection canister is easy to change and replace
- Convenient shipping program for safe disposal and recycling of mercury waste
- Available in several sizes to meet the needs of any size practice, from 1 to 20 operatories



Mitchell Pasenkoff, DMD
Norfolk, MA

"IT'S A VERY CONVENIENT SYSTEM TO ADD TO YOUR EXISTING SUCTION AND WASTE WATER SYSTEM."

Care helped him quickly install it to his new plumbing system. Dr. Joel Doyon, who upgraded to the newer filtration system of the NXT Hg5, relied upon his distributor's repair person to install the new system, which he said was done quickly and efficiently. Calling it "a vital piece of equipment for any dental office," Dr. Scott Terry said the NXT Hg5 is simple to install and effective, and Wendy Bonarelli, CDA, praised it for its "utmost ease of installation by trained professionals."

Ease of Use and Ease of Changing Collection Containers

The NXT Hg5 has proved to be convenient and effective for Dr. Pasenkoff's practice, removing 99.5% of amalgam residue from wastewater, he said.

Praising its simple design, ease of installation, and ease of use, Dr. Gordon shared, "Safe mercury disposal/recycling is an important system that all dentists who remove amalgam fillings must incorporate in their dental office design." Noting that he can easily see the sediments in the collection container because of its clear design, Dr. Doyon said, "The canisters are very easy to replace, and you can do it while you see patients." Dr. Doyon said his office could maybe use a larger collection container,

and Dr. Reza Madani would like to see a lower cost to the replacement/recycling program, adding that he would recommend the NXT Hg5 to colleagues because "it's hassle free and easy."

Overall Satisfaction

All of the practitioners who evaluated the NXT Hg5 said they would recommend the product and would definitely purchase it again, and collectively they deemed it a *DPS* Best Product. Explaining that the NXT Hg5 alleviates his concerns about heavy metals

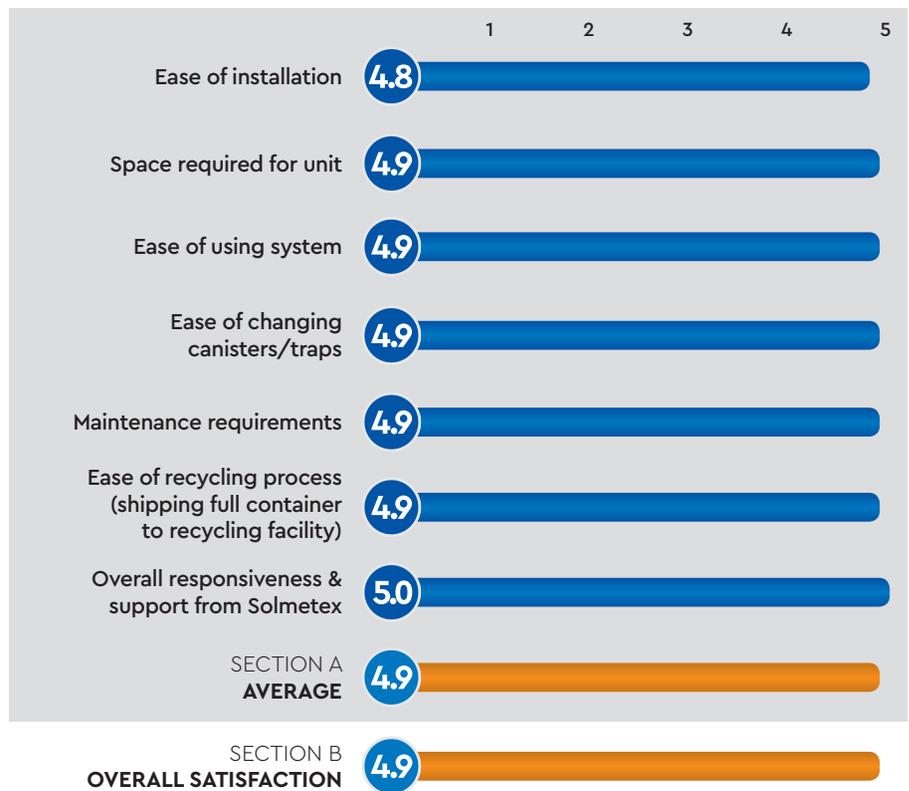
getting into his septic tank and potentially leaching out into the surrounding ground soil, Dr. Doyon concluded, "[It has a] big impact on environment and water safety." Dr. Gordon shares his "green" philosophy with patients and explained, "I always inform my patients of the benefits of having their old mercury-containing fillings disposed of properly to save the environment that we all live in."

FOR FREE INFORMATION:

800.216.5505
www.solmetex.com

PRODUCT EVALUATION SNAPSHOT

CRITERIA BASED ON AVERAGE SCORE (OUT OF 5)



SOLMETEX
NXT Hg5

FINAL SCORE
AVERAGE OF SECTIONS A AND B

4.9

Dental PRODUCT SHOPPER
BEST PRODUCT