

Replacement Manual Separator Cartridge

amased[®] Silver
powered by Apavia



GENERAL INFORMATION

This manual contains information on how to replace the separator cartridge of the amalsed® Silver amalgam separator.



The amalsed® Silver, powered by Apavia (registered as AVTMax®), is a type 2 amalgam separator, its US and International Patents are pending. Its mass flow is 1,000 milliliters per minute. The amalsed® Silver amalgam separator, powered by Apavia, confirms to ISO 11143:2008 and is certified by NSF International.

YOUR amalsed® Silver SEPARATOR CARTRIDGE HAS TO BE REPLACED ONCE A YEAR IN SMALL OFFICES OR EVERY SIX MONTHS IN LARGE DENTAL OFFICES. SMALL DENTAL OFFICES ARE PRACTICES WITH 1 TO 4 CHAIRS, LARGE OFFICES ARE PRACTICES WITH 5 TO 10 CHAIRS.

CONTACT INFORMATION

Distributor: medentex LLC
181 East Halsey Road
Parsippany, NJ 07054

Phone: 888-640-2527 (toll free)
E-mail: info@medentex.com

Manufacturer: Apavia LLC
Registered as Apavia® AVTMax®
34899 Curtis Boulevard
Eastlake, OH 44095

Phone: 844-235-3838 (toll free)
Fax: 440-571-4152

PRODUCT SUPPORT

If you have any questions or if you are encountering any difficulties while replacing the cartridge, please contact **medentex** for further assistance. Our service professionals will be happy to assist you.

FOR YOUR SAFETY, PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLING, OPERATING AND SERVICING THE amalsed® Silver AMALGAM SEPARATOR.

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DISCLAIMER



The waste stream treated by the amalsed® Silver is generated by a dental vacuum system and as such may contain concentrations of solid and soluble mercury and silver. All spills should be considered as hazardous and handled in accordance with standard hazardous materials (HAZMAT) handling procedures.



Full separator cartridges are considered HAZMAT and should be handled, stored and disposed of according to regulations applying to hazardous waste containing mercury. Remember to wear safety protective gear such as gloves and goggles when handling full amalsed® Silver cartridges and dispose of per local codes and regulations.

NOTE: medentex offers free recycling with all Silver Service packages. If you have misplaced your free return shipping labels or have any other questions regarding recycling, please contact **medentex** and ask to speak with a recycling expert.

Our customer hotline: 888-640-2527 (toll free)

WARRANTY

The amalsed® Silver air/water separators are warranted against defects in material and workmanship for two (2) years from the date of purchase. The amalsed® Silver separator cartridges are warranted for one (1) year from the date of purchase. During warranty period, **medentex** will at its sole discretion repair and/or replace products that prove to be defective at the original install point with established proof of purchase.

Labor, transportation and recycling service charges are specifically not included.

The amalsed® Silver separator cartridges are warranted for one (1) year when utilized on a compatible/compliant amalgam air/water separator. **medentex** will honor all compatible/compliant amalgam air/water separator warranties.

LIMITATIONS OF WARRANTY

The warranty shall not apply to defects resulting from improper installation, maintenance, abuse, unauthorized modification, or operation outside of the environmental specifications for the product or damages that occur in shipping due to improper repackaging of equipment for return to medentex. medentex specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

USE OF LINE CLEANERS HAVING A pH LESS THAN (>) 6 OR GREATER THAN (<) 10 WILL VOID THESE WARRANTIES.

The remedies provided herein are the buyer's sole and exclusive remedies. **medentex** shall not be liable for any direct, indirect, incidental or consequential damages, whether based on contract, tort or any other legal theory. No other warranty is expressed or implied.

NOTE: If the amalsed® Silver amalgam separator is installed remotely from the dental center, a warning signal alarm should be installed for monitoring capability.

SERVICE AND REPLACEMENT PARTS

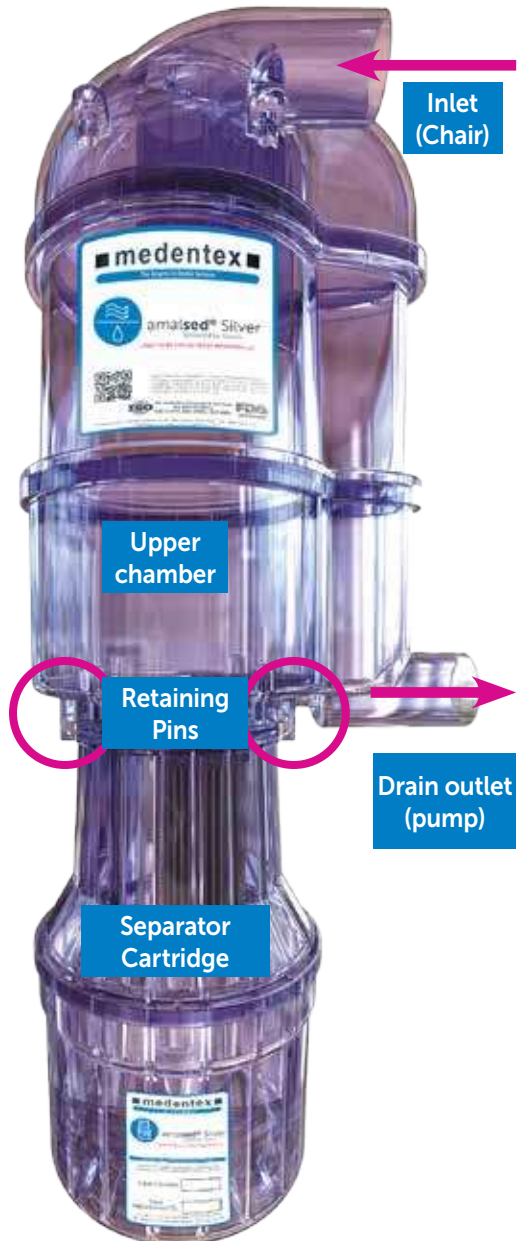
DESCRIPTION	PART NUMBER
amalsed® Silver system excl. separator cartridge	A0US2001
Silver Service Disposal Box incl. separator cartridge	A0US2000

REPLACING THE SEPARATOR CARTRIDGE

THIS PROCEDURE SHOULD BE PERFORMED ONLY WHEN NO PATIENTS ARE BEING WORKED ON, AS A LOSS OF CHAIRSIDE VACUUM MAY OCCUR. LEAVE THE VACUUM RUNNING DURING THE ENTIRE SEPARATOR CARTRIDGE REPLACEMENT PROCEDURE.

Before you begin, view the upper chamber of your amalsed® Silver amalgam separator. If liquid is present, wait until it has drained into the separator cartridge, before proceeding.

1. Sanitize the vacuum system using the sanitization procedure established at your facility. It is good practice to leave the vacuum pump running for 5 to 10 minutes every time the system is sanitized in order to allow excess liquid time to evacuate the lines.
2. With the vacuum system still running, remove the full separator cartridge from the amalsed® Silver as follows:
 - a. Support the cartridge with one hand, removing the retaining pins with the other hand. Tilt the cartridge to release the element side receiver first (slotted pipe side – RIGHT side for right-handed installation or LEFT side for left-handed installation) and then pull down to release the entire separator cartridge.
 - b. Remove the plastic caps from the inlet and outlet fittings of the new separator cartridge.
 - c. Place caps into the inlet and outlet fittings of the full cartridge.



3. Store the full cartridge until collection.

a. Put the plugged and capped cartridge into its slot in your Silver Service Disposal Box by **medentex**.

b. Our customer service will inform you how and when to ship back the box.

c. After **medentex** has received the Silver Service Disposal Box with the full cartridge, you will receive your recycling certificate.



4. Install the new separator cartridge.

a. Take the cartridge out of its slot in your new Silver Service Disposal Box by **medentex**.



5. With the vacuum system still running, install your new separator cartridge:

a. The cartridge can be installed only one way. Note the alignment of the fittings on the cartridge with the receiver holes in the upper unit.

b. Gently insert the fittings into the receiver holes. This can be accomplished by rocking the separator cartridge slightly. The O-rings on the fittings should seat easily into the upper unit receivers.

c. Continue to push the cartridge into the upper unit until it is fully seated.

d. Insert the retaining pins into their holes until seated. The cartridge is now locked into place.



6. Fill out the information label:

a. Note "Date Installed" on the new cartridge.

b. Note the "Next Replacement By" on the new cartridge.

c. Note the vacuum gauge reading. The reading should be the same as before the cartridge replacement.



