



SHE HAS THE RIGHT TO DRINK
CLEAN WATER

That's why we should separate and recycle our amalgam.

Amalgam is approximately 50% mercury, and mercury is ranked third in the US Government list of hazardous substances. The World Health Organization has identified mercury as the number one environmental poison.

There are three common types of amalgam separators designed to remove amalgam from your waste stream—sedimentation, centrifuge and filtration. Levels of performance, cost and reliability differ. But a history of over 15 years and 15,000 Rasch Ion-exchange units in the field is difficult to fault. Rasch Ion-exchange—uncommonly effective.

Rasch Amalgam Separators—Field Proven

Rasch has been designing and building Amalgam Separation Systems since 1987 and has placed in excess of 15,000 units worldwide. The Rasch 890 system is ISO certified and exceeds ISO standards, and meets the tougher German Test Method which uses a higher concentration of hard-to-capture small particles in the test protocol. Few other products meet this stringent higher level of performance. Initially developed in Sweden for the European market, today's Rasch 890 is time tested as opposed to many which were imagineered yesterday to take advantage of today's legislation. Ask other manufacturers how long they have been in production and how many units are installed worldwide for a clearer picture.

Priced Right

- Under \$1200 USD for complete system.
- One system treats up to 12 operatories, or more.
- Easily expanded with economical upgrade kit for large clinics.
- Amalgam collects in safe, strong, economical canisters.
- Each replaceable canister lasts one doctor 18 months.
- No outside service contract or monitoring required.
- Maintenance-free between canister changes.
- Replace canisters when full in under 5 minutes.
- Canister shipped by UPS to collection depot for recycling when full.
- Paperwork pre-done and freight pre-paid.
- No recycling charges.

Trouble-Free

- Silent
- No moving parts
- No valves
- No electrical
- No maintenance calls
- 5 year Extended Warranty

High Capacity

- Highest thru-put available; 4 liters (1 gal)/min flow rate=2000 LPD rated capacity.
- Use of any chair mounted cuspidors has little effect on unit's capacity.
- Economical upgrade kits available as your practice grows.
- Scrubber module available where ultra-high performance is required.

Fast Installation

- Use with wet or dry suction systems.
- Plug-n-play! Simply place in position and connect 2 hoses. Low installation costs.
- Small footprint of 9-x-12.5" requires little floor space for placement.
- Easily wall mountable if preferred as supplied—lightweight.
- No cutting or modification of existing vacuum lines required.
- Install at end of suction system—protects from residual mercury in existing piping.
- No danger of suction interruption from excess fluids.
- Incorporates an air-water separator with vent—added value.
- Easily moved or relocated.

Several models of the Rasch 890 System are available for different vacuum pump installations. All use the same Rasch separation canister, but differ in the added equipment. One canister lasts one full-time doctor 18 months, (two doctors 9 months etc.), regardless of how many operatories are in use. Model 890-1000 is for wet seal vacuum pumps. It consists of the canister plus an air-water separator, a mounting rack, and all the hoses and connectors. Model 890-6000 is for dry turbine vacuum pumps. It consists of just the canister and connectors.

For larger installations the 890-3000 Upgrade Kits may be added to the 890-1000 System to increase capacity and extend replacement periods. For larger dry systems, tee the outlet line and install multiple 890-6000 units in parallel.

The MICRO-CLEANSE canister and 890-4000 systems are for special installations requiring extreme removal of fine particles and dissolved mercury compounds.



ITEM #	DESCRIPTION
890-1000	Rasch Multi-Rack System: Includes Floor/Wall Mount rack, Air-water Separator and One Collection Canister
890-2000	Replacement Canister: Includes Replacement Canister & Disinfectant
890-3000	Upgrade Canister Kit: Increases capacity by 18 Unit-Months Includes Canister, Bolt-on Tray, Hardware
890-4000	MICRO-CLEANSE Scrubber Upgrade Includes Micro-cleanse Scrubber Canister, Bolt-on Tray, Hardware
890-4500	MICRO-CLEANSE Canister add-on for 890-6000 Requires hookup kit 890-4600
890-4600	MICRO-CLEANSE Hook-up kit (for 890-4500 above)
890-5000	Alarm System with test switch
890-6000	Dry Vacuum Kit: Includes one canister and connection kit for Central Dry Vacuum applications

Certification	1. German Institute for Structural Engineering 2. ISO 11143
Processes	1. Sedimentation 2. Filtration 3. Ion Exchange (Patented)
Warranty	Five years against defects in material and workmanship
Compatability	All wet and dry vacuum systems
Noise level	Silent
Moving parts	None
Electrical	None
Mounting	Floor or wall mount rack
Flow rate	1 gallon (4 liters) per minute
Capacity	2.8 pounds (1.3 kilos) of amalgam
Canister Life	18 months for one full time doctor removing 5 amalgams per day.
Size (HDW)	Dry System 5.12 x 9.0 x 12.25 inches (13.0 x 22.8 x 31.2 cm) Wet system 28.5 x 10.25 x 12.75 inches (71.7 x 26.0 x 32.3 cm)



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