

Independently Studied: “Best Available Technology”  
and the only Amalgam Separator  
to remove Soluble Mercury



Use the M.A.R.S 'Find a Dentist' App  
[www.marsbiomed.com](http://www.marsbiomed.com)

## Excerpt of Purves Environmental Study

A study completed by a mercury expert, hired by Privately/Publically Owned Treatment Works (POTWs), in anticipation of EPA Regulation

\*Practice does not place amalgam  
For full study visit,  
[www.marsbiomed.com](http://www.marsbiomed.com)

Office	Total Mercury from the Separator in ng/L	Dissolved Mercury from the Separator in ng/L*	Serparator Type
1	17,500,000	7,500,000	SolmeteX Hg5
2	7,290,000	2,530,000	SolmeteX Hg5
3*	660,000	452,000	SolmeteX Hg5*
4*	534,000	378,000	SolmeteX Hg5*
5	1,250,000	811,000	Medentex
6	10,200,000	5,210,000	DRNA
7	<b>65,600</b>	<b>36,600</b>	<b>M.A.R.S. LibertyBOSS</b>

### FIND A DENTIST

M.A.R.S Bio-Med is excited to announce that all members of the M.A.R.S family with a LibertyBOSS Amalgam Separator, will be receiving free advertising as an Environmentally Friendly Practice. Ask M.A.R.S how you can take advantage of our free offer.

### REQUIRED AMALGAM SEPARATOR MAINTENANCE

Best management practices requires amalgam separators to be maintained to manufacturer’s specifications. Most amalgam separators require some form of regular maintenance. Only M.A.R.S have NO Maintenance amalgam separator. Just install the ‘BOSS’ and forget about it, for up to three years .

### PREVENTATIVE MAINTENANCE

M.A.R.S Bio-Med is proud to offer free preventative maintenance courses from dental experts on all aspects of the dental industry, to help you save money and keep your practice compliant.

For the **right answers**, ask the company that POTWs call. Contact M.A.R.S at 1-866-594-3648, [info@marsbiomed.com](mailto:info@marsbiomed.com), or [www.marsbiomed.com](http://www.marsbiomed.com)

## DETAILED SERVICE/COST COMPARISON

Amalgam Separators	Unit Price	Filter Price	Max. Life Span
M.A.R.S. LibertyBOSS	\$1,279	N/A	Up to 36 Months
Air Technique Arcadia	\$1,100	\$580	12 months*
SolmeteX Hg5	\$1,152	\$435	12 months*

### 1 Operatory

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 3 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	36 months = N/A	\$426	\$1,279
Air Technique Arcadia	\$580	12 months = 1 filter	\$580	\$1,740
SolmeteX Hg5	\$435	12 months = 1 filter	\$435	\$1,305

### 3 Operatories

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 3 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	36 months = N/A	\$426	\$1,279
Air Technique Arcadia	\$580	6 months = 2 filters	\$1,160	\$3,480
SolmeteX Hg5	\$435	6 months = 2 filters	\$870	\$2,610

### 5 Operatories

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 2 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	24 months = N/A	\$639.50	\$1,279
Air Technique Arcadia	\$580	3 months = 4 filters	\$2,320	\$4,640
SolmeteX Hg5	\$435	4 months = 3 filters	\$1,305	\$2,610

### 7 Operatories

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 2 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	24 months = N/A	\$644.50	\$1,279
Air Technique Arcadia	\$580	2 months = 6 filters	\$3,480	\$6,960
SolmeteX Hg5	\$435	3 months = 4 filters	\$1,740	\$3,480

### 9 Operatories

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 2 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	24 months = N/A	\$644.50	\$1,279
Air Technique Arcadia	\$580	1.5 months = 8 filters	\$4,640	\$9,280
SolmeteX Hg5	\$435	2 months = 6 filters	\$2,610	\$5,220

### 11 - 16 Operatory

Amalgam Separators	Unit/Filter Price***	Life Span of filter = number of filters per year**	Cost per year	Cost over 1 year service life of LibertyBOSS
M.A.R.S. LibertyBOSS	\$1,279	12 months = N/A	\$1,279	\$1,279
Air Technique Arcadia	\$580		Not recommended by manufacturer	
SolmeteX Hg5	\$435		Not recommended by manufacturer	

\* - According to Manufacturers recommendations

\*\* - Life Span of filters is based on existing customer reports

\*\*\* - Air Technique's Arcadia & SolmeteX Hg5 do not include purchase price of original separators.

Filter quantities are estimated, assuming the solids collector is correctly located after the amalgam separator, in conjunction with Water Department's Guidelines.