



ISO CERTIFIED

AMALGAM SEPARATION

Chairside, inside the dental unit

Central, sedimentation-based

With complete recycling package



METASYS amalgam separation technologies

Amalgam separation affects us all!

METASYS amalgam separation technologies

The right solution for every situation!

Not only are single unit separators like the COMPACT Dynamic and MST 1 available but also central ones like the ECO II, ECO II Tandem and ECO VII. Which one will be the best for your dental office depends on your wishes. In any case, it can be chosen among equivalent alternatives. All solutions have the following features in common: Modular structure with easy maintenance and service, high reliability proven for years, economic and state-of-the-art technology.

Installation into the dental unit:

- MST 1
- COMPACT Dynamic

Central solutions:

For retrofitting into existing suction systems of various manufacturers:

- ECO II
- ECO II Tandem
- ECO VII

Central solutions in EXCOM/VAC suction systems:

- ECO II in the suction system EXCOM hybrid A1/A2
- ECO II Tandem in the suction system EXCOM hybrid A5
- ECO VII in the suction system EXCOM hybrid A5
- COMPACT Dynamic in the suction system ZA1

METASYS accessories

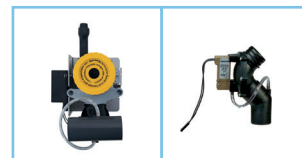
For a totally successful installation!



- META Connect fitting box,
Order no: 40400008



- Manometer, Order no: 40400005
- Prefilter, Order no: 40050049



- Spittoon valve
+ place selection valve,
Order no: 40050002 + 40050048
- Suction hoses

METASYS GREEN&CLEAN hygiene

The right care makes the difference!

Through suction systems and amalgam separators substantial amounts of blood, saliva and chemical agents are drained off into public sewerage: a dangerous and aggressive mix which can affect even the hardest-wearing suction and separation systems.

Professional cleaning and disinfection of the entire system with recommended preparations is not only essential for hygiene reasons but moreover also for the assurance of the functionality of the device.

With GREEN&CLEAN M2, the ultimate product in suction care and disinfection and GREEN&CLEAN MB, the cuspidor cleaner, METASYS offers an efficient, easy and fast solution:



GREEN&CLEAN M2

Dual, actively de-foaming concentrate for the disinfection and deodorising of suction systems and amalgam separators



GREEN&CLEAN MB

Practical brush dispenser based on citric acid and enzymes for an optimal cleaning of the cuspidor



METASYS solutions

Single unit solutions



MST 1

• Order no: 01010001

Customized versions of the MST 1 for various dental units are available. The respective order numbers are listed in the price list and on www.metasys.com.

MST 1: amalgam separator with static air/water separation

Mains voltage	24 V AC
Frequency	50/60 Hz
max. current consumption	2 A
max. electrical shaft power	46 VA
max. water flow rate	4,5 l/min
Vacuum range	80 mbar -250 mbar
Separation rate	98,6 %
Collection container capacity	300 cm ³
Collection container change interval	approx. 6-8 months
Potential suction systems	semi-wet / dry
Dimensions (H x W x D)	305 x 210 x 104 mm
DIBT permit number	Z-64.1-4



COMPACT Dynamic

• Order no: 01060001

Customized versions of the COMPACT Dynamic for various dental units are available. The respective order numbers are listed in the price list and on www.metasys.com.

COMPACT Dynamic: amalgam separator with dynamic air/water separation

Mains voltage	24 V AC
Frequency	50/60 Hz
max. current consumption	6,3 A
max. electrical shaft power	100 VA
max. water flow rate	4,5 l/min
Vacuum range	80 mbar - 160 mbar
Separation rate	96,4%
Collection container capacity	300 cm ³
Collection container change interval	approx. 6-8 months
Potential suction systems	semi-wet / dry
Dimensions (H x W x D)	301 x 173 x 110 mm
DIBT permit number	Z-64.1-2

Single unit suction systems with amalgam separation



EXCOM hybrid A1

• EXCOM hybrid A1 - ECO II,
Order no: 02010251



EXCOM ZA1

• without cover, Order no: 02010004
• with cover, Order no: 02010012

METASYS solutions

Central solutions



ECO II

- Order no International: 01050004
- Order no Germany: 01050005

ECO II: Amalgam separator for 1 to 3 dental units

max. water flow rate	1 l/min
Separation rate	99,3 %
Collection container capacity	700 cm ³
Change interval per collection container	min. 1 x yearly or when 100% full
Dimensions (H x W x D)	350 x 220 x 224 mm
Empty weight ECO II (with bracket)	1,7 kg
Full weight ECO II (collection container)	2,7 kg



ECO II Tandem

- Order no International: 01050007

ECO II Tandem: Amalgam separator for 3 to 5 dental units

max. water flow rate	2 l/min
Separation rate	99,3 %
Collection container capacity	2 x 700 cm ³
Change interval per collection container	min. 1 x yearly or when 100% full
Dimensions (H x W x D)	365 x 407 x 213 mm
Empty weight ECO II Tandem (with bracket)	3,6 kg
Full weight ECO II Tandem (collection container)	2 x 2,7 kg



ECO VII

- Order no Germany: 01070001

ECO VII: Amalgam separator for up to 8 dental units

max. water flow rate	7 l/min
Separation rate	99,8 %
Collection container capacity	2.600 cm ³
Change interval per collection container	min. 1 x yearly or when 100% full
Dimensions (H x W x D)	600 x 430 x 200 mm
Empty weight ECO VII (with bracket)	7,0 kg
Full weight ECO VII (collection container)	8,3 kg

Central suction systems with amalgam separation



EXCOM hybrid A2-ECO II

- EXCOM hybrid A2-ECO II D, 230 V, Germany, Order no: 02010227
- EXCOM hybrid A2-ECO II D, 400 V, Germany, Order no: 02010229
- EXCOM hybrid A2-ECO II, 230 V, International, Order no: 02010221
- EXCOM hybrid A2-ECO II, 400 V, International, Order no: 02010223



EXCOM hybrid A5-ECO VII

- EXCOM hybrid A5-ECO VII D, 230 V, Germany, Order no: 02010228
- EXCOM hybrid A5-ECO VII D, 400 V, Germany, Order no: 02010230
- EXCOM hybrid A5-ECO II Tandem, 230 V, International, Order no: 02010222
- EXCOM hybrid A5-ECO II Tandem, 400 V, International, Order no: 02010224

ECOTransFORM

Amalgam collection and recycling: Simple and uncomplicated!

Besides the production of amalgam separators, METASYS offers a worldwide amalgam collection and recycling service.

For the sake of the environment

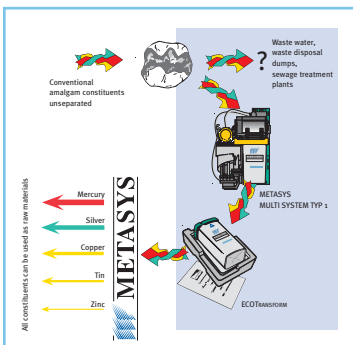
The METASYS group



The METASYS group, with its subsidiary DENTAL ECO SERVICE responsible, runs its own amalgam treatment plant on the company's premises. This means METASYS not only offers the dentist amalgam separation technologies but also a worldwide amalgam waste recycling system called ECOTransFORM. This guarantees that the collected amalgam residues from dental practices are collected and recycled orderly.

Comprehensive know-how

The DENTAL ECO SERVICE collection system



The DENTAL ECO SERVICE collection system delivers several tons of amalgam waste to the company's amalgam recycling plant per year. By thermic and chemical separation processes the reusable ingredients are extracted from the amalgam-containing waste and then handed back over to the industry. The recycling system is specialized in recycling amalgam waste and holds all necessary permits.

The service package

ECOTransFORM: The cost-effective amalgam disposal

Place the full amalgam container into the packaging which has especially been developed for sending them by mail. Return the parcel to your national ECOTransFORM collection point.

Every new amalgam container includes the following service package:

Disposal of the full amalgam collection container

Confirmation of the correct disposal

Where applicable: **Notice to the responsible authority**

DENTAL ECO SERVICE GmbH – METASYS
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Get all information on our worldwide collection points on www.metasys.com

METASYS ... makes the difference!

Amalgam separation technologies

Dry and wet suction systems

Compressors

Water decontamination

Automated hygiene systems

Hygiene and disinfection

Amalgam recycling

METASYS has established itself worldwide as a producer of high quality dental products.

Main part of the corporate identity is the high sensibility for environmental problems which can be noticed in all our products and services. Our high-grade technologies protect our water reserves from contamination through mercury and dangerous chemicals as well help avoid unnecessary drinking water waste.

Especially with amalgam separation, METASYS still sets new standards. METASYS is still known as one of the leading companies concerning amalgam separating technologies.

To meet the demands of both customers and the market, METASYS meanwhile offers a wide range of products around dental office equipment: suction systems, compressors, hygiene systems, water decontamination systems and a wide range of disinfectants.

With ECOTransFORM, METASYS offers also a complete recycling system for amalgam. A special amalgam recycling plant processes dental amalgam waste according to the law.



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