



## Contents

- SADA Advisory: Additional Amalgam Separator Options and Cost Overview for Dental Practices
- The SADJ September 2025 issue is available online

**Date of circulation:** 7 November 2025

## **SADA Advisory: Additional Amalgam Separator Options and Cost Overview for Dental Practices**

### **Background**

All dental practices are legally required under the Department of Forestry, Fisheries and Environment (DFFE) regulations to install and maintain an amalgam separator to prevent mercury contamination. This is a compliance obligation, not a voluntary measure. As requested by SADA members, the following provides a summary of available suppliers (other than DRI-SA), associated pricing, maintenance requirements, installation provisions, and recycling options to support members in making informed procurement decisions. Kindly note that many of the options presented below have recently come to the fore in light of the awareness that has been created.

### **Dentist's Responsibility**

Each practice owner that either places or removes amalgam restorations or extracts teeth that contain amalgam restorations is responsible for:

- Acquiring and installing a compliant amalgam separator.
- Ensuring regular maintenance and safe disposal of amalgam waste through an accredited waste handler.
- Retaining proof of disposal (certificate of destruction) for inspection if requested by authorities.
- Securing a replacement amalgam separator while the initial one is sent to A-Thermal for cleaning, which is a process that typically takes a few months to complete.

### **Summary of Options (as reported by suppliers)**

#### **Istrodent**

##### **Option 1: Eco II+**

- Price: R40,000 (SADA members qualify for 10% discount until December 2025)
- Maintenance: Annual canister replacement at ± R9,500
- Installation: Free (excluding travel and accommodation outside Gauteng)
- Recycling: Available at additional cost
- Contact: Stephanie Hendricks: [stephanie@istrodent.com](mailto:stephanie@istrodent.com); 060 966 9576

##### **Option 2: Cattani Hydrocyclone ISO-6 Amalgam separator**

- Price: R16102.50
- Maintenance:
  - 3rd year costs – R1932.30
  - 4th year costs – R2145.38

- 5th year costs – R3059.48
- 6th year costs – R3703.58
- 7th year costs – R4669.73
- Installation and contact details as per the above.

## Henry Schein

### Option one:

- Estimated Installation Cost: ± R2,000 (in major metros)
- Maintenance: Cannisters replaced only if damaged or full at a cost of R569 incl VAT
- Contact: Robin Petersen – 066 480 4448 – robin.petersen@henryschein.co.za
- Limited promotion for SADA members until Dec 2025.

Item Number	Category	Item Description	Bidder Name	Name of Manufacture	Country of Ori	Brand Name	Model/M odel Number	Year of Release	Expected Life Span of the Equipment	Price including VAT	Quote number	Availability
RT286-01-003	Amalgam Based Equipment	Hydrocyclone Amalgam IS18 SEPARATOR PAL 14, 28, 38, 50	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	043532/0	2014	5-10 YEARS	R113 035,00	5	Special order 6 week lead time
		IS 18					0433180/0					
		VE with Electronic					23790					
RT286-01-004	Amalgam Based Equipment	Hydrocyclone ISO 6 Amalgam separator	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	44378	2014	5-10 YEARS	R11 995,00	1 & 2 (WiFi)	Special order 6 week lead time
		i) Fixing plates										
		ii) Re-circulation hoses										
		iii) TUV Tested according to ISO11143 standard										
RT286-01-005	Amalgam Based Equipment	Hydrocyclone Amalgam separator Turbo Smart 2V Before 2017 Components	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	43380	2014	5-10 YEARS	R12 995,00	3	1 in stock
		i) Hydrocyclone ISO 18										
RT286-01-006	Amalgam Based Equipment	Hydrocyclone ISO 4 Amalgam separator Version for Turbo-Jet 1 Modular without a box Hydrocyclone	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	43365	2014	5-10 YEARS	R18 750,00	4	Special order 6 week lead time
		Outlet connector with pressure relief valve										
RT286-01-007	Amalgam Based Equipment	Hydrocyclone Amalgam separator	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	020995/0	2014	5-10 YEARS			DISCONTINUED
		Multi-surgery version to be installed inside dental unit Components					24150/					
		i) Mini-separator					020935/1					
RT286-01-008	Amalgam Based Equipment	Hydrocyclone Amalgam separator	HENRY SCHEIN	CATTANI SPA	ITALY	CATTANI	21003	2014	5-10 YEA			DISCONTINUED
		Single-surgery version to be installed inside dental unit Components										
		i) Mini-separator										

### Option two:

## Simplify compliance!

Your own **DIY Amalgam Separator Kits** make recycling easy, no fuss, no contracts, Install your own filter get your own recycling centre to collect the product.

### RCT1 GRAVITY FILTER ONLY

Suitable for all suctions

#### PRE ORDER PROMOTION

**R12 250.00 incl vat**  
R10 652.17 excl vat

04001RCT1



**RCT1 Estimate installation cost:**  
R2 200.00 (50km radius from Midrand/Durban/Cape Town).  
Thereafter, AA rate will apply.

### CATTANI CONNECTION FOR TURBOSMART

#### PRE ORDER PROMOTION

**R14 019.00 incl vat**  
R12 190.43 excl vat

0104901000020

Cattani Hydrocyclone Estimate installation cost: R1 800.00 (50km radius from Midrand/Durban/Cape Town).  
Thereafter, AA rate will apply.  
Installation by certified technician required



### REPLACEMENT CUP

#### PRE ORDER PROMOTION

**R549.00 incl vat**  
R477.39 excl vat

01049011121



### CHAIR SIDE FILTER ONLY

#### PRE ORDER PROMOTION

DDS200 Chair side filter only

**R6 250.00 incl vat**  
R5 434.78 excl vat

04001SS1AMSEP



#### INSTALLATION OPTIONS

1. Filter directly on suction tubing
2. Bypass filter
3. Easy connection to filter

**Depending on Installation, additional quoting may be required.**

### Dental Mech – ASDEX Separator

- Price: R8,142 (incl. VAT)
- Maintenance: Filter replacement at R3,211
- Installation: Included
- Contact: Willem Botha – willem@dentalmach.co.za – 082 781 0810
- Limitation: Only for use with wet suctions

### Alvaley (UK-based, supplied locally)

- Single surgery (Size 1): £192 – Replace pot every 2 years – £130 for recycled replacement unit
- Multi-surgery (Size 2): £272 each / £499 for two – £150 for recycled replacement unit
- Mobile Aspirators: £280
- Installation: Via Istrodent (±R800 for call-out and a similar rate for labour costs/per hour)
- Contact: Gillian Holbrook – sales@alvaley.co.uk

#### **KZN Dental - Fortek**

- Fortek SA650C: R15 000
- Fortek RCT1: R13,000
- Installation free in Durban and Central Johannesburg

**Kindly note that the above information represents prices received at the time of compiling this communication and must be confirmed with the respective companies. SADA does not endorse or recommend any specific product.**

#### **Disposal and Recycling**

To date, A-Thermal is the only waste management company that has been accredited by the Department of Forestry, Fisheries and the Environment for the safe disposal of dental amalgam using thermal treatment. Once this is carried out, they will issue the member with a certificate of destruction.

Typically, the amalgam separator is cleaned, checked and returned to the practice, however this process could take up to several months therefore it is recommended that replacement separators are available as part of the service offering from the supplier. The chairside amalgam bucket will be destroyed entirely and will require replacement.

Members are requested to contact **A-Thermal directly for enquiries on 011 316 1800.**

#### **Legal Reminder**

Failure to comply with DFFE's Waste Management Regulations constitutes a breach of environmental law and may result in penalties. Practices must ensure that the separator used meets the **ISO 11143** standard for amalgam retention.

#### **Disclaimer**

This advisory is issued for information purposes only. SADA does not endorse any supplier or accept liability for purchase, installation, or performance of listed products. Each member must perform their own due diligence and ensure compliance with DFFE requirements.



CONTENTS	
<b>REVIEW</b> A Historical Review of Impression Materials & Techniques in Complete Denture Fabrication: Part 1 – GP Babiolakis, LM Sykes	441
<b>BASED DENTISTRY</b> What's new for the clinician – summaries of recently published papers – Prof V Yengopal	447
<b>EDITORIAL</b> The quiet crisis of thinking – Prof NH Wood	403
<b>COMMUNIQUE</b> Addressing Dental Burnout: A Growing Concern for the Global and South African Dental Workforce – Mr Makhubele	406
<b>RESEARCH</b> Morphometry of the three prominent facial foramina in a South African sample using Cone Beam Computed tomography scans – BM Msibi, S Van Der Walt, AA Adebesein	408
Oral Health-Related Quality of Life (OHRQoL) of Oral Squamous Cell Carcinoma (OSCC) patients – M Elsheik, D Smit	415
A Review of Chemical Approaches Inherent to Endodontic Disinfection Protocols: Part 2 – Fatima Peer, YE Choonara, P Kumar	422
Maturation Staging of the Midpalatal Suture using Cone Beam Computed Tomography – R Carim, S Shaik, A Shaikh	432

## THE SEPTEMBER 2025 SADJ ISSUE IS AVAILABLE ONLINE

- The quiet crisis of thinking – *Prof NH Wood*
- Addressing dental burnout: A growing concern for the global and South African dental workforce – *Mr KC Makhubele*
- Morphometry of the three prominent facial foramina in a South African sample using Cone Beam Computed tomography scans – *BM Msibi, S Van Der Walt, AA Adebesein*
- Oral Health-Related Quality of Life (OHRQoL) of Oral Squamous Carcinoma (OSCC) patients – *M Elsheik, D Smit*
- A Review of chemical approaches inherent to endodontic disinfection protocols: Part 2 – *Fatima Peer, YE Choonara, P Kumar*
- Maturation staging of the midpalatal suture using Cone Beam Computed Tomography – *R Carim; S Shaik; A Shaikh*
- A historical review of impression materials & techniques in complete denture fabrication: Part 1 – *GP Babiolakis, LM Sykes*
- What's new for the clinician – summaries of recently published papers (September 2025) – *Prof V Yengopal*
- Treating friends and family – *Y Naidoo, Z Sondag*

Yours in Oral Health

**KC Makhubele**

**SADA Chief Executive Officer**

14  
Nov

**SADA Pretoria Branch Golf Day (PTA060) - 14 November 2025**

15  
Nov

SADA Free State Branch - 15 November 2025 (FS038)



**1st Annual Sports Dentistry  
Conference**

hosted by the

SA Sports Dentistry Association

**Date:** 5-6 December 2025

**Venue:** Stellenbosch Academy of Sport

Stellenbosch

Cape Town

[Register](#)



Powered by Glue Up

All-in-one CRM Software for Growing Communities