

## The correct investments.

### rema® dynamic S – The perfect universal investment material.

rema® dynamic S is particularly flexible and easy to use. Its high edge stability, smoothness and well-coordinated expansion all bring forth excellent fitting accuracy, even with complicated frameworks.

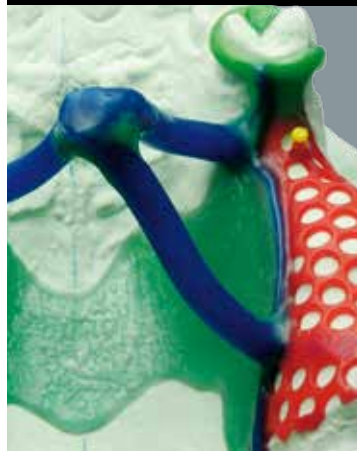
- Complete flexibility in the preheating stage.
- Ideal also for fixed/removable prosthetics.
- Universally suitable for all duplicating procedures.
- Excellent accuracy.

### rema® Exakt F – Excellent results in every laboratory environment.

With rema® Exakt F Dentaurem research has succeeded in further improving the well-proven classic investment material "rema® Exakt". The finer grain size makes the investment material even more attractive and impressive due to its excellent processing characteristics and fitting accuracy. The millionfold proven formula has been further improved.

- Improved development of the classic rema® Exakt.
- Very easy, pleasant working.
- Very high accuracy.
- Especially easy devestment.

	rema® dynamic S	rema® Exakt F
Working time	3-4 min	3-4 min
Preheating	<ul style="list-style-type: none"> <li>■ Consistent preheating</li> <li>■ Partial speed preheating</li> <li>■ Speed preheating</li> </ul>	<ul style="list-style-type: none"> <li>■ Consistent preheating</li> <li>■ Preheating with holding time</li> </ul>
Preheating temperature	900-950 °C 1652-1742 °F	950-1000 °C 1742-1832 °F
Compression resistance	12 MPa	10-14 MPa
Colour	Green	Pink
Investment	REF 105-600-50 (20 kg – 112 x 180 g) REF 105-610-50 (20 kg – 40 x 500 g) REF 105-610-85 (20 kg – 8 x 2,5 kg) REF 105-609-50 (8 kg – 16 x 500 g)	REF 105-020-50 (20 kg – 50 x 400 g) REF 105-021-50 (20 kg – 100 x 200 g) REF 105-008-50 (8 kg – 20 x 400 g)
Mixing liquid	REF 105-620-50 (1 l Standard) REF 105-623-50 (1 l Speed)	REF 105-501-00 (1 l)



## Dentaurem Group

Germany | Benelux | España | France | Italia | Switzerland | Australia | Canada | USA  
and in more than 130 countries worldwide.



DENTAUREM  
QUALITY  
WORLDWIDE  
UNIQUE

80  
years\*

remanium®



## CAST PARTIAL DENTURE ALLOYS

➔ For more information on our products and services, please visit [www.dentaurem.com](http://www.dentaurem.com)

Date of information: 03/15  
Subject to modifications



[www.dentaurem.com](http://www.dentaurem.com)



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DENTAUREM

Turnstr. 31 | 75228 Ispringen | Germany | Phone +49 72 31/803-0 | Fax +49 72 31/803-295  
[www.dentaurem.com](http://www.dentaurem.com) | [info@dentaurem.com](mailto:info@dentaurem.com)

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GM 800+  
GM 280  
GM 900  
GM 380+

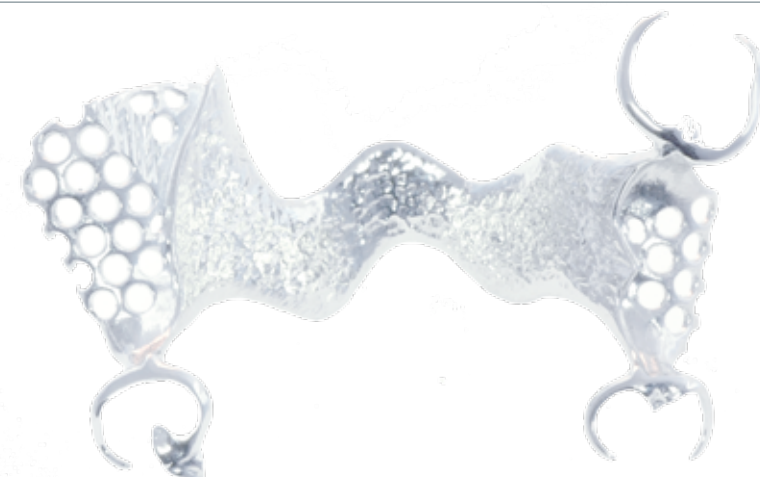
DENTAUREM

\* The brand name remanium® was given 30 years after the non-precious metal alloy remanit was introduced into the market.

# remanium® cast partial denture alloys



HIGHLIGHTS.



remanium®  
GM 800+

- The alloy with a high modulus of elasticity and extremely high 0.2% yield strength.
- In combination this enables delicate designs with extremely high elasticity.

Extra spring-hard



remanium®  
GM 280

NEW

- The low hardness enables easy finishing and polishing.
- High elongation at rupture prevents fracturing of clasps.

Easily trimmed



remanium®  
GM 900

- Omission of carbon from the alloy ensures very good laser weldability.

Universal



remanium®  
GM 380+

- Easy-to-use traditional alloy with a wide range of applications.

Time-tested



## The superlative from Dentaureum.

Dentaureum has always been renowned for a comprehensive product range with all the materials necessary for fabricating cast partial denture frameworks. The remanium® cast partial denture alloys have a high degree of flexibility and set standards for maximum mechanical loading capacity. For this reason cast partial denture frameworks made of remanium® can be designed very thin and delicately.

All Dentaureum cast partial denture alloys provide:

- Easy castability
- Prevention of overheating due to mirror-like melt surface
- High-gloss surfaces
- Wide range of indications

Their special advantages:

- remanium® GM 800+ has the highest spring-hardness in the world
- Easiest processing worldwide with the new cast partial denture alloy remanium® GM 280

## Safety due to certified quality

### The best biocompatibility:

Laboratory tests prove the outstanding resistance to corrosion; the biological compatibility is confirmed by cytotoxicity tests carried out by independent institutes. Please request our certificates. All cast partial denture alloys are free from beryllium, iron, nickel, indium, gallium and copper.

## Technical data

0.2% yield strength	R <sub>p0,2</sub>	720 MPa
Tensile strength	R <sub>m</sub>	960 MPa
Hardness	HV 10	370
Fracture elongation	A <sub>5</sub>	4 %
Modulus of elasticity	E	230 GPa

## Delivery form

1000 g REF 102-200-10



## Technical data

0.2% yield strength	R <sub>p0,2</sub>	600 MPa
Tensile strength	R <sub>m</sub>	800 MPa
Hardness	HV 10	280
Fracture elongation	A <sub>5</sub>	11 %
Modulus of elasticity	E	190 GPa

## Delivery form

1000 g REF 102-280-00

## Technical data

0.2% yield strength	R <sub>p0,2</sub>	700 MPa
Tensile strength	R <sub>m</sub>	910 MPa
Hardness	HV 10	340
Fracture elongation	A <sub>5</sub>	5 %
Modulus of elasticity	E	210 GPa

## Delivery form

1000 g REF 102-250-00



## Technical data

0.2% yield strength	R <sub>p0,2</sub>	640 MPa
Tensile strength	R <sub>m</sub>	900 MPa
Hardness	HV 10	360
Fracture elongation	A <sub>5</sub>	6,5 %
Modulus of elasticity	E	220 GPa

## Delivery form

1000 g REF 102-001-10