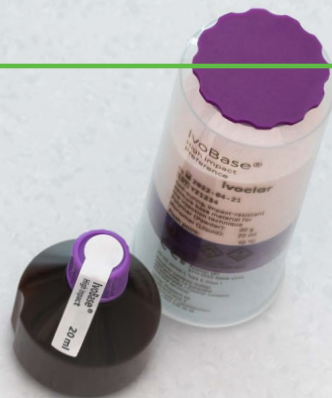


Precision at the push of a button



IvoBase[®] system

PMMA denture
base materials and a
fully automated
injection procedure



IvoBase[®]

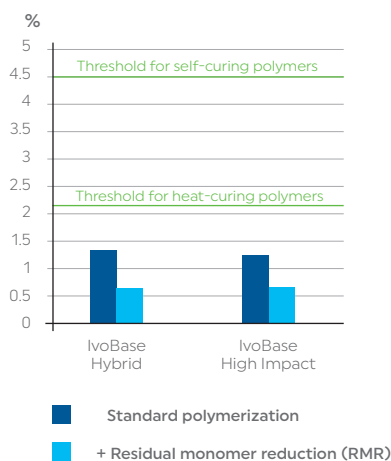
A system focused on quality.

A fully automated injection device and top-class materials comprise our IvoBase system for producing accurately fitting dentures made of high-quality material.

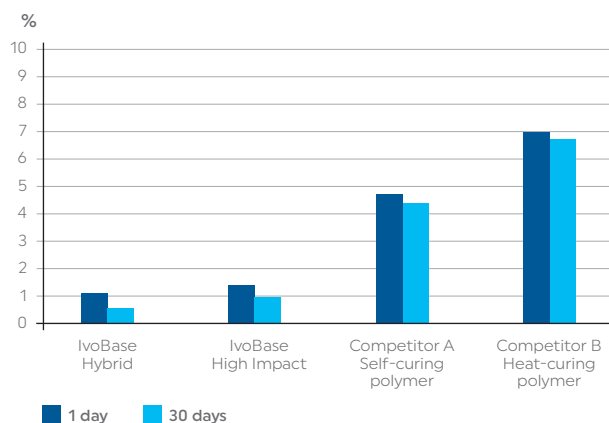
High precision due to shrinkage compensation

- Automatically injected material
- Pressure is maintained during polymerization
- Well thought-through ventilation technology

Residual monomer content



Volumetric shrinkage



Source: El Bahra S et al.; Dental Materials, 2013, 29 (11), p. 1091 -1097

* According to EN ISO 20795-1:2013
Source: Fischer K et al., Das Deutsche Zahnärzteblatt, 2012, 121(05), p.242-246

Fully automated process

- Plug-and-play device, only an electricity connection is required
- Programs coordinated with the material
- Residual monomer reduction to less than 1%

1%
Residual
monomer
content

Material pre-dosed in capsules

- Always the ideal mixing ratio
- Consistent material quality
- No direct contact with the skin



IvoBase[®] Injector

A smart device.

The IvoBase Injector makes prosthetics fun. Fully automated, dependable, without any steam. Moreover, it ensures an outstanding occlusal fit to which every dental technician aspires.

Plug
and
play



| At a glance | IvoBase® Injector | |
|---|--|------------------------------------|
| Dimensions | Depth: 400 mm Width: 340 mm Height: 560 mm | |
| Weight | 35.6 kg | |
| Pre-set up | Power supply | |
| Number of programs | 20 | |
| Polymerization duration | Standard | With RMR* |
| IvoBase Hybrid | 35 minutes | 45 minutes |
| IvoBase High Impact | 50 minutes | 60 minutes |
| Number of dentures during nine hours of operation | IvoBase Hybrid: 12–15 dentures | IvoBase High Impact: 9–10 dentures |

* With the RMR feature (Residual Monomer Reduction) the residual monomer content is reduced to less than 1%.

Special features

- Fully automated injection and polymerization procedure
- Controlled polymerization shrinkage due to injection technique
- Reduction of residual monomer content to less than 1% due to RMR feature

Too beautiful for the dental lab

- Plug-and-play device
- Compact design
- Only power supply required

User-friendly

- Clean process without any steam
- Display of operating information on the OSD display
- Software updates via the internet



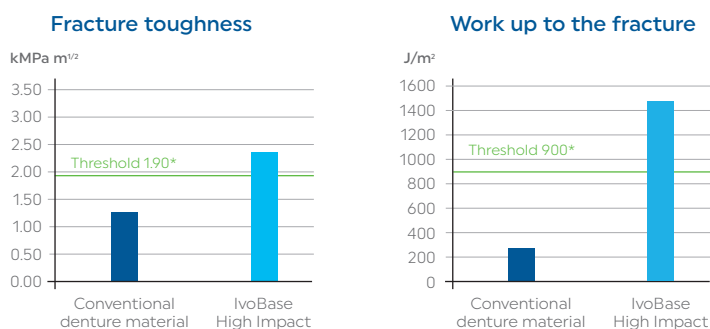
IvoBase[®] material Exceeds the standard.

From a chemical point of view, the IvoBase material belongs to the category of cold-curing polymers; in terms of its quality, it is in the league of heat-curing polymers. Fast and also strong.

Useful complementary accessories

- IvoBase shade guide for shade determination
- Dedicated pre-fabricated wax components for the easy and correct dimensioning of injection and ventilation channels
- SR Nexco lab composite for the individual characterization of the finished denture.

Requirements for materials with high fracture toughness



* According to EN ISO 20795-1:2013
Source: Fischer K et al., Das Deutsche Zahnärzteblatt, 2012, 121(05), p.242-246

| At a glance | IvoBase® Hybrid | IvoBase® High Impact |
|---------------------------------|---|--|
| Polymerization time: | | |
| – Standard polymerization | 35 minutes | 50 minutes |
| – With RMR feature | 45 minutes | 60 minutes |
| Shades | <ul style="list-style-type: none"> – Pink – Pink-V – Preference – Clear | <ul style="list-style-type: none"> – Pink – Pink-V – Preference |
| Shades with high masking effect | <ul style="list-style-type: none"> – Pink-V Implant – Preference Implant | <ul style="list-style-type: none"> – Pink-V Implant – Preference Implant – 34-V |

IvoBase® High Impact

- High fracture toughness
- Fulfills the requirements of heat-polymerized materials showing high fracture toughness according to EN ISO 20795-1:2013
- Developed for high load-bearing applications

IvoBase® Hybrid

- Polymerized in 35 minutes
- Allround material for removable prosthetics
- Transparent Clear material for specific applications

2
Material qualities

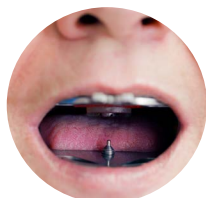


Conventional removable dentures restoring individuality and functionality



Preliminary bite registration

Precision from the start with Centric Tray



Functional impression

Centricity to the point with Gnathometer M



Registration

Successful results in no time with the UTS 3D



Tooth set-up

Customized dentures with our prefabricated teeth



Try-in

Predictable results, verified on the patient



Finalization

Versatile denture base materials
for the pouring, packing and injection techniques



Protection

Effective preventive care with the Cervitec line of
products