

TWINSTAR® P and TWINSTAR® V

The choice is yours:



TWINSTAR® P

- pressure technology
- tried-and-tested 2 bar overpressure principle
- prompt build-up of pressure
- high forming force in the pressure chamber
- low maintenance and practically no wear
- easy to use
- 3-year guarantee
- 10-years spare parts guarantee



TWINSTAR® V

- vacuum technology
- powerful high-performance vacuum pump with long service life
- no compressed air connection required
- model accessible at all times
- low maintenance and practically no wear
- easy to use
- 3-year guarantee
- 10-year spare parts guarantee

Of course, our service doesn't end when you purchase one of our devices: if you have questions or experience any problems, please feel free to contact the SCHEU-DENTAL team.

We also hold pressure moulding workshops and training courses for dentists and technicians regularly in our SCHEU-ACADEMY. These introduce you to all the indications in small groups and with hands-on examples as well as showing you how to achieve the best thermo forming results.



Top results

for the following indications:



Retainer Splints
Material: DURAN®



Bleaching Tray
Material: COPYPLAST® or BIOPLAST® bleach



Individual Tray
Material: IMPRELON® clear or opaque



Mouthguard
Material: BIOPLAST® (transparent/coloured)



Temporaries
Material: COPYPLAST®



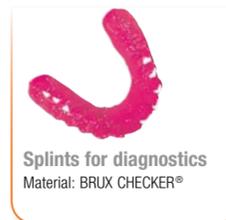
Splints
Material: DURAN®, DURAN®+ or DURASOFT® pd 1.2 to 1.8 mm



Invisible Retainer
Material: COPYPLAST® C



Temporary Splints
Material: DURAN®



Splints for diagnostics
Material: BRUX CHECKER®

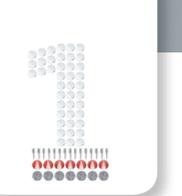


Hard/Soft Splints
Material: DURASOFT® pd 1.2 to 1.8 mm with DURASOFT® seal



Perfection is offering alternatives.

TWINSTAR® P und TWINSTAR® V
Basic applications for thermo forming technology with pressure or vacuum.



TWINSTAR® P and TWINSTAR® V

tried-and-tested technology available in two versions

What the devices have in common:

1 Consistent heating with infrared heater

After the short preheating time of approx. 1 minute, the medium-wave 300 W infrared quartz heater ensures gentle, consistent heating of thermoforming material. Its reliability, function and durability of up to 8,000 operating hours has already been put to the test and passed with flying colours in early generations of our thermo forming devices. As in the past, its energy consumption is pleasantly low.

2 Easy handling of material

TWINSTAR® P and TWINSTAR® V allow you to process material from 0.1 to 3.0 mm in thickness. They are positioned with the locking ring and held securely in place during the heating. Of course, we kept the design features that have proven themselves for many years. Like all of our SCHEU-DENTAL thermo forming devices, the side of the material that faces the model is heated. The up to 60°C higher surface temperature of this side of the material guarantees perfectly accurate results.

3 Easy to use

The clearly set out key pad allows you to activate the heater easily and safely and to control the pressurising and depressurising of pressure chamber and plate carrier. The 3-digit display shows accurate information about heating times and necessary cooling intervals for all material from 0.1 to 3.0 mm.

4 Ergonomic pellet container

The large, ergonomically designed pellet container can hold up to 1.2 kg of pellets, is comfortable to hold and allows controlled and targeted embedding or covering of the models. Superfluous pellets fall into the surrounding groove and can be returned to the container quickly and easily with a brush.

The supplied pellet cover prevents adhesion of the pellets to the heated soft material and is reusable.



Place model on the platform or embed it into the pellets.



Activate the heater and lock the material in place.



After preheating for approx. 1 minute, swivel the heater over the material.



Once the heating time has elapsed, flip the pressure chamber or plate carrier over the model and seal.

Extensive range of material

At SCHEU-DENTAL, you'll find the right material for each application. Our thermo forming material is listed at the BfR (German Federal Institute for Risk Analysis) as well as the FDA (Food and Drug Administration) and has been tested according to the International Guidelines ISO 10993 and EN ISO 7405 with the result that it has been approved for clinical use. The information for material, heating and cooling times on each blank ensures quick and simple processing.



For more details on the extensive range of SCHEU-DENTAL material visit www.scheu-dental.com or have a look at the sampler (REF #3137) giving you an overview of the available material.

6 Vacuum technology

When it comes to processing simple and easy-to-form thermoplastic material, vacuum technology has proven successful, too. Dental applications such as Miniplast splints, bleaching trays and temporaries can be realised with no problems. The TWINSTAR® V is equipped with a high-performance vacuum pump, which achieves a high forming force and a long service life. This version is thus ideal for practices and laboratories without a compressed air connection.

5 Pressure technology

Pressure technology has been a guarantee for optimal results in dental pressure moulding technology for decades. Positive overpressure, which is used simultaneously with gentle cooling of the material, guarantees a consistent material thickness and accurate fitting in the pressure chamber. The TWINSTAR® P is ready for use with compressed air immediately in the practice or laboratory as soon as it is connected to the compressor network.

TWINSTAR® P 230V 115V 100V

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|------------------------|--------------------|--------------|--------------|
| REF | #3140 | #3141 | #3138 |
| Power | 230 V, 340 W | 115 V, 340 W | 100 V, 340 W |
| Pressure | 0,1–2,0 bar | | |
| Dimensions (W x H x L) | 230 x 200 x 350 mm | | |
| Weight | 7,5 kg | | |

TWINSTAR® V 230V 115V 100V

| | | | |
|------------------------|--------------------|--------------|--------------|
| REF | #3142 | #3143 | #3139 |
| Power | 230 V, 340 W | 115 V, 340 W | 100 V, 340 W |
| Pressure | 0,8 bar | | |
| Dimensions (W x H x L) | 230 x 200 x 350 mm | | |
| Weight | 7,5 kg | | |