Pressure moulding in top form

with the number 1 in pressure moulding technology

BIOSTAR®

- *the universal pressure moulding device for the highest requirements*
- *reaches working temperature in just 1 second*
- *patented thermostatic heater control*
- *featuring scanning technology*
- *6 bar working pressure*
- *coloured 3.2" LCD display*
- *acoustic and optical user prompting*
- *data bank with information on scanned material and indications*
- *illustrated application hints and animated videos*
- *enlarged model cup*
- *ergonomic pellet container*
- *interface for simple updating*
- *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.

You can call us or arrange an appointment with our field sales staff to discuss specific questions.

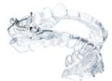
We also hold pressure moulding workshops and training courses for dentists and technicians regularly in our SCHEU-ACADEMY. These introduce you to all the indications in small groups and with hands-on examples as well as showing you how to achieve the best pressure moulding results.

For further information and the current course program please visit the SCHEU-ACADEMY section of www.scheu-dental.com.

BIOSTAR® – top results

for a wide range of indications

TAP® Splints
Material: DURASOFT® pd 2.5 mm



IST®-Appliance
Material: DURAN®

Orthodontic Retainer and Expansion plate
Material: BIOCRYL® C

Orthodontic Retainer and Expansion plate
Material: BIOCRYL® M (multicolor)

Positioner
Material: BIOPLAST® transparent

Invisible Retainer
Material: COPYPLAST®

OSAMU-Retainer®
Material: IMPRELON® S pd
BIOPLAST®

Splints for diagnostics
Material: BRUX CHECKER®

Temporaries
Material: COPYPLAST®

Temporary Splints
Material: DURAN®

Tooth-coloured temporaries and splints
Material: DURAN®+A2

Temporary Dentures
Material: BIOCRYL® C
(rose transparent)

Mouthguard
Material: BIOPLAST® or
BIOPLAST® XTREME
(color or multicolor)

Splints
(incl. apnoea splints)
Material: DURAN®, IMPRELON® S pd
or DURASOFT® pd

Hard/Soft Splints
Material: DURASOFT® pd with
DURASOFT® seal

Bleaching Tray
Material: COPYPLAST® or
BIOPLAST® bleach

Implant/X-Ray Splint
Material: DURAN®

Individual Tray
Material: IMPRELON®
clear or opaque

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SCHEU Dental Technology

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Perfection is settingthestandards.

BIOSTAR®

Top performance in all pressure moulding applications in practices and laboratories.

SCHEU Dental Technology

BIOSTAR® – fast and accurate

for all applications in practices and laboratories.

1 Reaches working temperature in just 1 second

As soon as the heater is swivelled over the material following scanning of the material or programming of the code, it reaches its working temperature immediately and the pressure moulding material can be plasticised.

Like all our SCHEU-DENTAL pressure moulding devices, the BIOSTAR® heats the side of the material which faces the model during pressure moulding. Together with the superior working pressure of 6 bar, the up to 60°C higher surface temperature on this side of the material guarantees perfectly precise pressure moulding results – from the thinnest materials up to thicknesses of 5 mm.

The heater's unique, patented thermostatic control ensures absolutely consistent working temperatures.
The result: perfectly heated materials and reproducible moulds at any time.

Shortwave, thermostatically controlled infrared heater. The working temperature is reached in just 1 second without any waiting time. Swivelling the heater over the material activates the heating immediately.

2 New: Clearly set out, large colour display

The coloured 3.2" display with a resolution of 320 x 240 pixel leads you through the single working steps of the pressure moulding process, providing further information on the scanned material, its indication as well as a library with illustrated application hints for the fabrication.

The membrane keyboard with its 21 keys allows programming and controlling of all operation parameters, whereas all important information is shown at the large display at any time. The working pressure is displayed throughout the complete pressure moulding procedure.

Optical user prompting, acoustic signals and animated videos lead you through the operation during the working procedures, as e.g. the heating time. Once the pressure chamber is closed, the preprogrammed cooling phase starts automatically. Its end is signalled both optically on the display and via the LED and acoustically. The AIR key controls the rapid depressurising of the pressure chamber.

The coloured 3.2" LCD display allows an intuitive operation of the device during the fabrication process, assists you in choosing the right material or indication and provides illustrated application hints.

3 Comfortable handling

With the high pressure chamber the manufacture of bi-maxillary positioners is also no problem. In addition, the enlarged model cup allows embedding of articulated, mounted models. The supplied pellet cover prevents adhesion of the pellets to the heated soft material and is reusable.

The software can be updated via interface, if necessary.

Extensive range of material

At SCHEU-DENTAL, you'll find the right material for each application. Our pressure moulding material has been tested acc. to the International Guidelines ISO 10993 and EN ISO 7405 with the result that it has been approved for clinical use. The bar code on each blank ensures quick, simple and safe processing.

The scan function allows immediate reading of the bar code, with all the necessary parameters being imported directly.

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

4 Scan function with immediate programming

All necessary data such as temperature, heating and cooling times are directly programmed by means of the bar code printed on each SCHEU-DENTAL material. The ergonomic design of the scanner allows utmost ease-of-use.

By using the scan function, programming errors or choice of wrong material can be completely avoided. All the necessary information for user prompting and working parameters are shown on the large display during manual input.

5 Ergonomic pellet container

The ergonimically designed pellet container is comfortable to hold and allows controlled and precise embedding or covering of the models. Superfluous pellets fall back into the container and can then be reused immediately.

BIOSTAR®	230V	115V	100V
REF	#3001	#3011	#3021
Power	230 V, 750 W	115 V, 750 W	100 V, 750 W
Working pressure	0,5-6,0 bar		
Dimensions (W x H x L)	520 x 440 x 240 mm		
Weight	14,0 kg		