Pressure moulding in top form
with the number 1 in pressure moulding technology

BIOSTAR®
• the universal pressure moulding device for the highest requirements
• machine warming temperature in just 1 second
• patented thermostatic heater control
• including scanning technology
• 6 bar working pressure
• coloured 3.5” LCD display
• acoustic and optical user prompting
• slide-puck with information on scanned materials and indications
• illustrated application cards 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® – fast and accurate
for all applications in practices and laboratories.

Reaches working temperature in just 1 second

As soon as the heater is switched on, 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 SCHÜ-DENTAL pressure moulding devices, the BISTAR® heats the side of the material which faces the model during pressure moulding. Together with the superior working pressure of 0.5 bar, up to 60°C higher surface temperatures on this side of the material guarantee perfectly pressure moulding results – from the thermoplastics up to the thickness of 5 mm.

The touch screen, user-friendly, microthermocouple control allows comfortable and error-free consistency, test and moulding.

Comprehensive, thermoelectrically controlled infrared heater. The working temperature is reached is just one second without any waiting time. Swivelling the heater over the material activates the heating immediately.

New: Clearly set out, large colour display

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.

Extensive range of material

At SCHÜ-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.

Optical user prompting, acoustic signals and animated arrows lead you through the operation during the working procedure as e.g. the heating time. Once the pressure chamber is closed, the programmable 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.

Ergonomic pellet container

The ergonomically designed pellet container is comfortable to hold and allows a simple and efficient embedding or covering of the models. Superfluous pellets fall back into the container and can then be reused immediately.

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 SCHÜ-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.

Comfortable handling

With the high pressure chamber the manufacture of bi-maxillary positioners is also no problem. In addition, the universal model cup allows embedding of articulators, 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.

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