

Pressure Moulding with High Force

Pressure 6 bar

Temperature 200°C

Speed 0-200°C ≤ 1 sec



BIOSTAR®

Pressure moulding technique

- Functionality
- Speed
- Precision
- Ergonomics

SCHAU
Patented shortwave technology
pat. pend.

SCHAU

The new generation of well proven pressure moulding

Infrared heater

Immediately after setting the code the infrared heater reaches the working temperature and the foils can be plastified. With the BIOSTAR® the pressure moulding process is complete before many other machines even reach working temperature. The thermostatic technology means big advancements in the ease and handling of pressure moulding operation.

Additionally, the thermostatic technology guarantees constant heating temperatures, regardless of external influences such as room temperature and power supply. The result is perfectly heated material and reproducible moulds every time.

Short-wave, thermostatically controlled infrared heater reaching working temperature within 1 second without waiting time.



Display

With the modern control panel, all working parameters can be programmed and controlled. The easy-to-read display shows all pertinent information.

- Program code, heating time or temperature is controlled by means of the panel
- All information is provided optically on the big four-line display
- Optical and acoustic signals facilitate handling
- After closing the pressure chamber, the programmed cooling time runs automatically
- After cooling time has elapsed, the next step is indicated by an optical (Display/LED) and acoustic signal
- Air button controls quick depressurization
- The working pressure is indicated anytime on the display

Big four-line display with dash panel for code setting, control and surveillance. Pressure can be regulated up to 6 bar.



Big drawer with ergonomically formed handle for controlled dispensing of pellets.





Big pressure chamber for bimaxillary and big models.

Heightened model cup allows embedding of mounted models.

Material

The new **BIOSTAR®**, too, utilizes the same proven principles as previous generations of positive pressure moulding machines. The side of the material which is placed directly over the model is heated. The surface temperature of this side of the material is up to 60°C higher, and thanks to the superior working principle of 6 bar positive pressure absolutely precise moulds are guaranteed, using very thin foils as well as plates up to a thickness of 4-5 mm.



Technical data

REF	3110	3111	3112
Power	230 V, 850 W	115 V, 850 W	100 V, 850 W
Working pressure	0,5 - 6,0 bar		
Dimensions (w x d x h)	460 x 250 x 260 mm		
Weight	16,0 kgs		

The force of 6 bar:

BIOSTAR®

Pellet Receiver

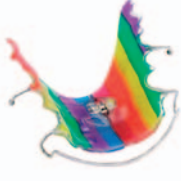





Ergonomically formed pellet receiver provides complete control for precise embedding and covering the models. Excess pellets automatically fall into the channel surrounding the cup and can be used again immediately.

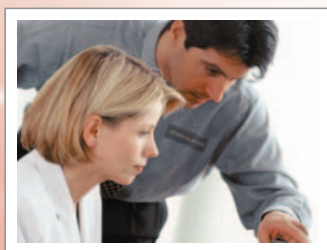
- Working temperature is reached within 1 second
- Thermostatic heating technology
- Working pressure 6 bar
- Programming of desired heating times
- Acoustic and optical control of heating and cooling times as well as of all working steps
- Ergonomically formed pellet container for controlled embedding
- Attractive and modern design
- 3 Years Warranty

BIOSTAR®

and some of its applications:

The revolutionary BIOSTAR®, combined with an extensive selection of materials and accessories, offers maximum efficiency and results.

 <p>TAP® Snoring Splints Material: DURASOFT® 2.5</p>	 <p>IST-/H-UPS®- Snoring Appliances Material: DURAN®</p>	 <p>Orthodontic Retainer and Expansion Plate Material: BIOCRYL® M (multicolor)</p>	 <p>Positioner Material: BIOPLAST® transparent</p>
 <p>Orthodontic Retainer and Expansion Plate Material: BIOCRYL® C</p>	 <p>Invisible Retainer Material: COPYPLAST® C</p>	 <p>Indirect Bondins Material: COPYPLAST®</p>	 <p>RPE Material: DURAN®</p>
 <p>Temporaries Material: COPYPLAST®</p>	 <p>Temp. Splints Material: DURAN®</p>	 <p>Temp. Dentures Material: BIOCRYL® C (pink-transparent)</p>	 <p>Mouthguard Material: BIOPLAST® (uni- or multicolor)</p>
 <p>Splints Material: DURAN® or DURASOFT®</p>	 <p>Bleaching Splints Material: COPYPLAST® or BIOPLAST®bleach</p>	 <p>Implant / X-Ray Splints Material: DURAN®</p>	 <p>Individual Splints Material: IMPRELON® clear or opaque</p>



Together with our partners around the world, we offer training programs for the BIOSTAR® pressure moulding technique. We provide you with the know-how to make all your appliances in house. This gives you total control over fabrication, turnaround time, and costs.

Ask your representative for more details.