

Compact pressure moulding in record time



MINISTAR S®

- working temperature reached within 1 second
- scan technology
- 4 bar working pressure
- patented infrared heater
- clearly set out, large display
- acoustically and optically assisted operator guidance
- ergonomic pellet container
- surrounding channel for excess pellets
- 3 years warranty
- 10 years warranty on availability of spare parts



Our service to you doesn't end when you purchase a machine. Our staff at SCHEU-DENTAL will be pleased to assist you with any problems or questions that may occur in your working routine – simply call us or our field service.

Our SCHEU-ACADEMY offers pressure moulding workshops and trainings for dentists and dental technicians on a regular basis. Find out in small groups how to achieve best pressure moulding results and get acquainted with the possible indications.

You'll find more information on www.scheu-dental.com link SCHEU-ACADEMY.

MINISTAR S® – compact machine, great range of applications



Perfection is not a question of size.

MINISTAR S®

Innovative pressure moulding technique for practice and laboratory – quick, compact and precise.

MINISTAR S® – compact and precise

Pressure moulding technique for practice and laboratory

1 Working temperature reached within 1 second

The working temperature is reached immediately by swiveling the patented heater over the material after scanning or entering the heating time – and the material is pressure moulded. The MINISTAR S® utilises the same proven principles as all SCHEU-DENTAL pressure moulding machines by heating the side of the material which is placed directly over the model, leading to an increase of the surface temperature of up to 60°C. Thanks to this principle and the working pressure of 4 bar, precise and custom-fitting results for all material thicknesses from 0.1 mm up to 5.0 mm are guaranteed.

The unique thermostatic control of the heater ensures constant heating temperatures, regardless of external influences, such as room temperature and line voltage. Perfectly heated material and reproducible moulds are the result.



Short-wave, thermally controlled infrared heater reaches working temperature in only 1 second. By swiveling the heater over the material, heating is immediately activated.

2 Ergonomic pellet container

The ergonomically formed pellet container provides complete control for precise embedding and covering of the models. Excess pellets automatically fall into the channel surrounding the cup and are easily brushed back into the pellet container.

Pellet cover avoids adhesion of pellets to the heated soft material and is reusable.



Place model on the platform or embed it into pellets and fix material with the locking ring.



Material parameters can be registered by scan technology or ...



... entered manually.



After heating time has elapsed, swivel pressure chamber over the model and close locking handle.



After cooling time has elapsed, open pressure chamber:
A open locking handle
B push clamping ring to the left
C open pressure chamber



3 Clearly set out, large display

The key pad is used to program and monitor all operating parameters, whilst the display shows you all the important information at all times. The working pressure is displayed throughout the pressure moulding procedure.

Optical user prompting and acoustic signals support the handling during the work process, e.g., when the heating time elapses. Once the pressure chamber is sealed, the pre-programmed cooling period begins 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.

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 DIN EN ISO 10993 and 7405 with the result that it has been released for clinical use. The barcode on each blank ensures quick and simple handling.



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) giving you an overview of the available materials.



4 Scan function with immediate programming

All necessary data such as temperature, heating and cooling times are directly programmed by means of the barcode 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. Swivelling the heater over the material activates the heating immediately.



Immediate scanning of the barcode, all necessary parameters are directly read.

MINISTAR S®	230V	115V	100V
REF	#3501	#3511	#3521
Power	230V, 750 W	115V, 750 W	100V, 750 W
Pressure	0,5–4,0 bar		
Dimensions (W x H x L)	500 x 210 x 400 mm		
Weight	9,0 kg		