

MINISTAR S®, BIOSTAR® and BIOSTAR® 4-Aligner – a trio fit for any case



Small & Compact: MINISTAR S®

- ✓ Suitable for the entire foil range
- ✓ Including granulate container
- ✓ Showpiece in the field of compact thermoforming units
- ✓ Particularly space-saving
- ✓ High functionality at an attractive price

Classic & Comfortable: BIOSTAR®

- ✓ Suitable for the entire foil range
- ✓ Removable drawer for granules
- ✓ Removable model pot
- ✓ Large pressure chamber
- ✓ 6 bar pressure ensures a more precise impression

Fast & Precise: BIOSTAR® 4-Aligner

- ✓ Can be used with a wide range of foil formats (up to a layer thickness of 1.0 mm)
- ✓ Saves costs by using SCHEU-DENTAL Strips
- ✓ Flexible impression thanks to single chamber control
- ✓ High output (160 aligners/h)

What makes our thermoforming units so special?



High precision

Thanks to the higher contact pressure, the printing plate technology achieves an exact adaptation of the material to the model – for a perfect fit.



Maximum flexibility

Pressure forming devices are suitable for a wide range of materials and also allow the deep drawing of thicker foils.



Efficient processes

Compressed air can be used to perform deep-drawing processes faster and more efficiently, which increases productivity.



Patented heater control

The patented thermostatic heater control of our devices ensures fast, energy-efficient and even heating and prevents overheating.

More Pressure. More Precision. More Possibilities.

MINISTAR[®], BIOSTAR[®] and BIOSTAR[®] 4-Aligner – a comparison of our devices

MINISTAR[®]



BIOSTAR[®]



BIOSTAR[®] 4-ALIGNER



Technical Data

REF	3501 / 3511 / 3521	3001 / 3011 / 3021	3030
Power	100–230 V / 750 W	100–230 V / 750 W	100–230 V / 1.450 W
Technology	Pressure	Pressure	Pressure
Positive working pressure	4 bar	6 bar	4 bar
Dimensions (W x H x D)	500 x 210 x 400 mm	520 x 440 x 240 mm	612 x 337 x 524 mm
Weight	9 kg	14.4 kg	56 kg

Application

Indication	multifunctional	multifunctional (particularly suitable for tough and very thick foils)	aligner therapy (layer thickness up to 1.0 mm)
Foil formats	Ø 125 mm	Ø 125 mm	round Ø 120–125 mm strips Ø 499 x 114 mm square 110–114 mm
Handling	manual	manual	semi-automatic

Features

Scan Function with instant programming	✓	✓	✓
Update Port		✓	✓
Display	✓	✓	✓
Colour Display incl. instructions		✓	✓
Spotlight can be used immediately without preheating	✓	✓	✓
Patented Thermostatic heating control	✓	✓	✓
Heating of the side of the foil facing the model	✓	✓	✓
Pressure Chamber with inspection window		✓	
High Pressure Chamber for Orthodontic applications		✓	
Number of Spotlights	1	1	4
Number of Pressure Chambers	1	1	4

Output

Number of Aligners per thermoforming process	1	1	up to 4 at the same time
Output/h	35 Aligners	35 Aligners	160 Aligners

You can find our extensive portfolio of thermoforming foils for our thermoforming units on our website at www.scheu-dental.com/pressure-moulding-material.

