

EN

## Erkodent Thermoforming Units

Erkopress *ci\_motion*



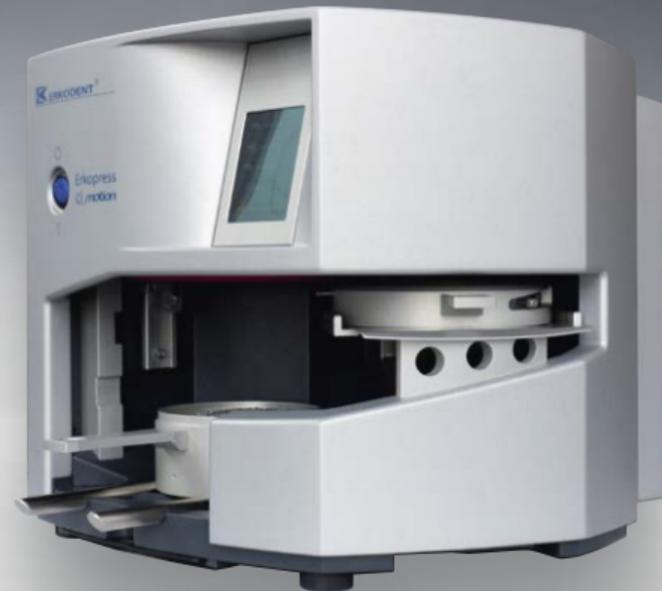
Erkoform-3d+



Erkoform-3d *motion*



Erkopress *motion*



## New: Erkopress *\_\_motion*

Pressure forming device with automated thermoforming process to connect with the existing compressed air system.



### Erkopress *\_\_motion*, technical data:

H 32/ W 35/ D 43 cm      weight 18.9 kg  
foil diameter 120 mm      foil thickness 0 - 5.5 mm  
~220 - 240 (100, 110 - 120) volts, 50 - 60 hertz, max. 380 watt  
working pressure 6 bar      noise level < 70 dB(A)

- **Program the foil** • **Insert foil** • **Start the heating process**
- **Place model now at the latest** • **Everything else will be done by the Erkopress *\_\_motion*!**
- The thermoforming process as well as the cooling time will run automatically.
- Touchless temperature sensor to exactly determine the actual temperature (patented) of the thermoforming materials.
- For uniform wall thicknesses the hot foil will be placed vertically onto the model ...
- ... simultaneously the cylinder will be extended and the forming adaption is taking place without delay.
- Outstanding workplace safety through automatic switch-off function.
- Pinch protection during the automated thermoforming.
- The medium-wave infrared heating without preheating time, heats up the material not only on the surface but also in-depth.
- Easily accessible model during heating period.
- Acoustic and visual signal (suitable for people with impaired hearing).
- Program-controlled function and process.
- Air regulator with gauge and water separator.

## Touchpanel

- The program contains all Erkodent thermoforming materials and as a quick guide, supported by animations, it leads through the workflow, and signalizes the necessary work steps.
- Choose the desired foil and thickness and start the process.
- The displayed thermoforming temperature and the cooling time can be adjusted for special applications, without modifying the standards.
- Frequently used foils can be saved as favorites.
- New foils will be stored as favorites. (Or maybe: Self-defined foil parameters can also be stored as favorites.)
- Even modified factory settings can be saved as favorites.

## 173 000 Erkopress *\_motion*

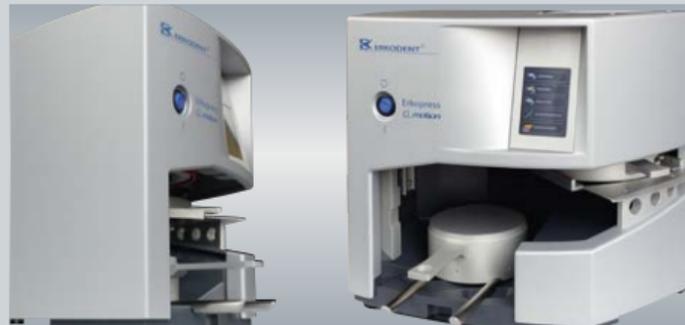


It is possible to thermoform on a model plate or in granules. The handling of the granules was significantly improved.



## New: Erkopress ci motion

Pressure forming unit with automated thermoforming process with self-sufficient, integrated production of compressed air



- Program the foil
- Insert foil
- Start the heating process
- Place the model now at the latest
- Everything else will be done by the

**Erkopress ci motion!**

### Erkopress ci motion, technical data:

H 32/W 35/D 43 cm      weight 21.3 kg  
foil diameter 120 mm      foil thickness 0 - 5.5 mm  
~220 - 240 (100, 110 - 120) volts, 50 - 60 hertz, max. 440 watt  
working pressure 6 bar      noise level < 70 dB(A)

- The *Erkopress ci motion* has a powerful, integrated compressor with reserve compressed air. Thereby the unit is independent of a compressed air system that possibly has to be installed.
- Other than that the equipment features, device function, and device programming of the *Erkopress ci motion* corresponds to that of the *Erkopress\_motion*.

In a reserve pressure chamber a pressure of 7 bar is build up after the *Erkopress ci motion* has been switched on. This pressure will be maintained independently of the programming sequence. Thereby 6 bar will be available for the forming.

The low operating noise of the integrated compressor is a distinguishing feature, while continuously maintaining the available pressure.

Same as the *Erkopress \_motion* the *Erkopress ci motion* complies with the legal regulations in regard to occupational safety, construction and classification.

## 173 500 *Erkopress ci motion*



Both units can also be used as pressure pot for auto-polymerizing material when used with the accessory polymerization pressure pot **173 888** (image above).



## 188 400 Erkoform-3dmotion

Thermoforming unit with **automated** thermoforming process



### Erkoform-3dmotion, technical data:

H 31.5 / W 35 / D 37 cm	weight 13.9 kg
foil diameter 120 mm	foil thickness 0 - 5.5 mm
~220 - 240 (100, 110 - 120) volts, 50 - 60 hertz, 360 watt	
max. vacuum 0.8 bar	noise level < 60 dB(A)

- **Program the foil** • **Insert foil** • **Start the heating process**
- **Place the model now at the latest** • **Everything else will be done by the**

### Erkoform-3dmotion!

The thermoforming process and the cooling time will run automatically.

- No compressed air supply required, plug and play.
- No preheating time needed.
- Touchless **temperature sensor** to exactly determine the actual temperature (patented) of the thermoforming material.
- Prior to the thermoforming process built up vacuum with sudden forming.
- Vertical pre-stretching and fitting for even foil thicknesses.
- To position the foil, with foil thicknesses of 0 to 5.5 mm, the unit can be operated conveniently with one hand.
- Easily accessible model during heating period.
- Acoustic and visual signal (suitable for people with impaired hearing).

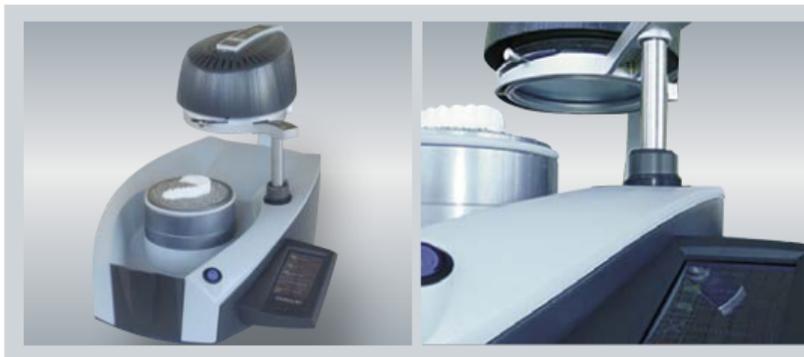
The touchpanel functions correspond to the ones of the Erkopress units. See page 3.

Same features as Erkoform-3d*motion* just without the automated thermoforming process. Also the touchpanel functions are the same.

In both units a large volume reserve vacuum is being held to allow a sudden forming. A sensor for touchless temperature measurement ensures the accurate temperature of the material for the thermoforming regardless of the ambient temperature.

The units are equipped with a medium-wave infrared heating, which doesn't need preheating time. The medium-wave allows for the materials to heat up not only on the surface but also in-depth. The result is a less stressed splint.

## 188 600 Erkoform-3d+



### Erkoform-3d+, technical data:

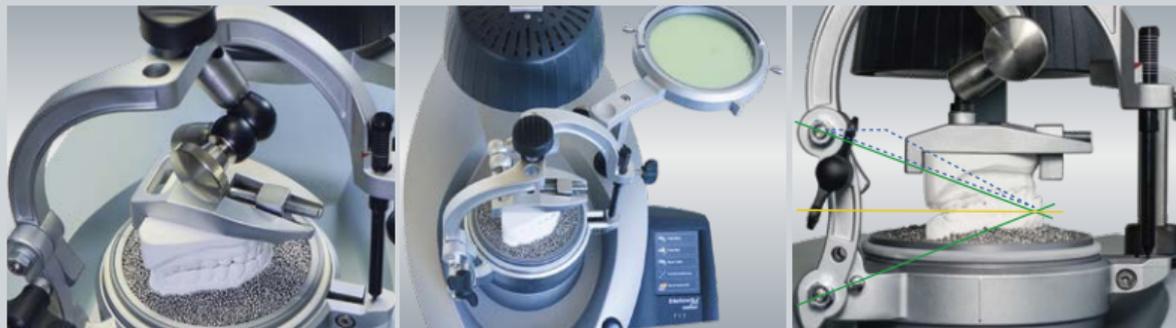
H 31.5/W 35/D 37 cm      weight 11.9 kg  
foil diameter 120 mm      foil thickness 0 - 5.5 mm  
~220 - 240 (100, 110 - 120) volts, 50 - 60 hertz, 340 watt  
max. vacuum 0.8 bar  
noise level < 60 dB(A)

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## 188 580 Occluform-3

### Occluform-3, a unique occludator for the Erkoform units series 3



With the Occluform-3 the opposing bite can be imprinted optimally in the malleable thermoforming material during the thermoforming process.

The construction of the Occluform-3 unit is based on a Bonwill triangle with a side length of 11.5 cm and a Balkwill angle of 20°.

Due to measurements that are in accordance with the ones of a state of the art average movement articulator, the Occluform-3 allows for a mean/mid-value raising of the bite.

With the help of the Occluform-3 the models can be articulated if a construction bite is available that was taken either orally or in a fully adjustable articulator.

A marking line on the supporting pin corresponds to a bite rising of approx. 1 mm at the incisal point.

- The **new** and stronger arresting joint needs less effort for a secure locking.
- Plaster-free model fixation.
- A lot of space, even for high models.
- Single column construction for best model accessibility.

The Occluform-3 is mounted most easily and comes with detailed instructions. It is a sturdy metal construction with hydraulic fixation of the opposing bite.



**Erkoform-3d*motion***  
with **automated** thermoforming process

 **ERKODENT®**

Erkoform-3d*motion* • Erkoform-3d + • Erkopress *motion* • Erkopress *ci motion*

compressed-air supply required	no	no	yes	no
touchless temperature sensor	yes	yes	yes	yes
medium-wave infrared heater	yes	yes	yes	yes
preheating time	no	no	no	no
reserve vacuum or reserve pressure	yes	yes	no	yes
foil thicknesses from 0 to 5.5 mm	yes	yes	yes	yes
vertical prestretching and adaptation	yes	yes	yes	yes
adaptation without delay	yes	yes	yes	yes
adjustment with Occluform-3	yes	yes	no	no
adjustable adaptation power	no	no	yes	no
touchpanel	yes	yes	yes	yes
all program features	yes	yes	yes	yes

## technical data:

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foil thickness 0 - 5.5 mm  
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50 - 60 hertz  
max. 360 watt  
max. vacuum 0.8 bar  
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