

Huestis CVO-2000 Series Thermoplastic Warming Oven



The Huestis Warming Oven softens thermoplastic material for radiation therapy to its optimum elasticity with safe dry heat, ensuring maximum comfort during application to the patient. Dry air convection heating speeds up workflow, reduces the risk of cross-contamination and eliminates other problems associated with water baths such as weight, spillage and humidity!

- Easy-sliding drawer opens fully to provide maximum access to the material
- Multiple masks can be softened at the same time
- Can be used to mold head cushions without getting them wet
- Self-cleaning — a feature which reduces the potential for cross-contamination
- Can be used in CT rooms — no humidity that could otherwise effect the electronics of the imaging system
- Digital temperature setting in Celsius or Fahrenheit
- Non-stick surface
- Insulated case

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The Huestis CVO-2000 Series convection warmer is designed to soften select patient immobilization thermoplastic material without the mess or inconvenience of a water bath.

Models are offered for 120 VAC or 220 VAC. The CVO-2121 and CVO-2221 models use a highly accurate electronic (Digital) PID controller. The PID controller incorporates set point and process temperature displays. Insulation assures that heat is not wasted and reheating subsequent cycles is fast and efficient.

The drawer incorporates a non-stick support rack sized to accept 24" X 18" head/shoulder masks.

Generally the CVO series convection warmer is available for use within a few minutes of starting the heating cycle. Material process times are approximately 10 minutes.

It is also possible to soften patient support cushions.* Cushions may remain in the oven "ready to go" for hours or days with no issues dealing with wet cushions. Also cushions may be reheated and reshaped.

** Check with your supplier for dry heat compatibility.*



Model CVO-2121-SNT shown



**Digital
dry heat
temperature
control**

Available models

- CVO-2121-SNT (120 VAC, 14 Amps, 50/60 Hz Digital control) [NAmarket]
- CVO-2221-SNT (220 VAC, 7 Amps, 50/60 Hz Digital control) [EUmarket]

Maximum immobilization mask size

- 24" (61 cm) wide X 18" (46 cm) deep

Process chamber vertical clearance

- 4" (10 cm)

Overall product dimensions

- 31.75" (80.6 cm) X 25" (63.5cm) [43.5" (110.5 cm) drawer open] X 11" (28 cm)

Product weight

- 100 lbs (45 kg)

Design process chamber operating temperature range

- 150° F (65° C) to 175° F (79° C)
[165° F (74° C) ideal]
- 250° F internal thermostatic switch (All Models)
- Temperature limit process setting 180° F (82° C) [CVO-2121/CVO-2221]

Controls / indicators

- POWER ENTRY – IEC Module with 15A Circuit Breaker with switch [ALL MODELS]
- PROCESS CONTROL – OFF/ON Power switch [ALL MODELS]
- PROCESS CONTROL – Digital temperature controller with set point and process control readout [CVO-2121/CVO-2221]
- INDICATOR – POWER ON state indicator (Blue) [ALL MODELS]
- INDICATOR – Temperature (Heater) activity indicator (Amber) [ALL MODELS]