

Huestis CVO-2000 Series Convection Warmer



The Huestis Convection Warmer softens thermoplastic material for use in radiation therapy. Safe, dry heat reduces the risk of cross-contamination, and the lack of water allows for maximum comfort. The patented design of our oven, with its unique baffling system, ensures even heating of the thermoplastic!

- 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
- No water — reduces the potential for cross contamination
- Can be used in CT rooms — no humidity that could otherwise affect the electronics of the imaging system
- Digital temperature setting in Celsius or Fahrenheit
- Non-stick surface
- Insulated case
- Manufactured and assembled in the USA

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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.

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

Generally the CVO series Convection Warmer is available for use within 8 to 10 minutes. Thermoplastic heating time with dry heat is comparable to that of a water bath.

The Convection Warmer will also warm patient support cushions.* They can remain in the oven for longer time periods, compared to use in a water bath.

* 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) [NA market]
- CVO-2221-SNT (220 VAC, 7 Amps, 50/60 Hz Digital control) [EU market]

Process Chamber Interior Dimensions

- 25" (63.5 cm) wide X 21" (53.34 cm) deep X 3.88" (9.86 cm) high

Overall product dimensions

- 31.75" (80.6 cm) wide X 25" (63.5cm) deep [43.5" (110.5 cm) when drawer is open] X 11" (28 cm) high

Product weight

- 100 lbs (45 kg)

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]

