



## Oven for Orthopedics



**SHORTWAVE INFRARED**

# I N F R A R E D

## Short-Wave Infrared Orthopedic Oven



- Designed by thermal professionals, specifically for orthopedics
- Fast and even instantaneous heat over the entire surface of the oven without the need for preheating
- Very precise regulation of the product temperature from 30 to 250°C (via PID controller)
- Ecological oven with high energy saving

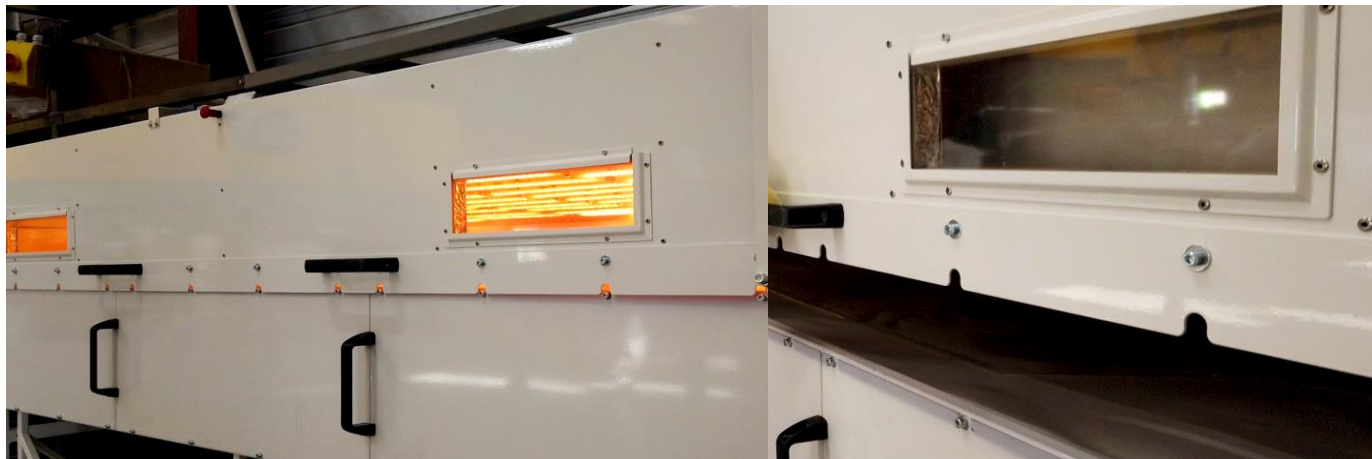
### 3 standard models

Dimensions in mm	Power	Reference
1 000 x 1 300	9 kW	ORTHO SWIR 9
2 000 x 1 200	12kW	ORTHO SWIR 12
2 000 x 1 500	16KW	ORTHO SWIR 16

- Other dimensions, other power : on request

✓ Example of heating time on polyethylene plate :

Thickness	Heating temperature	Heating time
3 mm	185 °C	xx min
5 mm	185 °C	xx min
8 mm	185 °C	xx min
10 mm	185 °C	xx min



## Electrical control

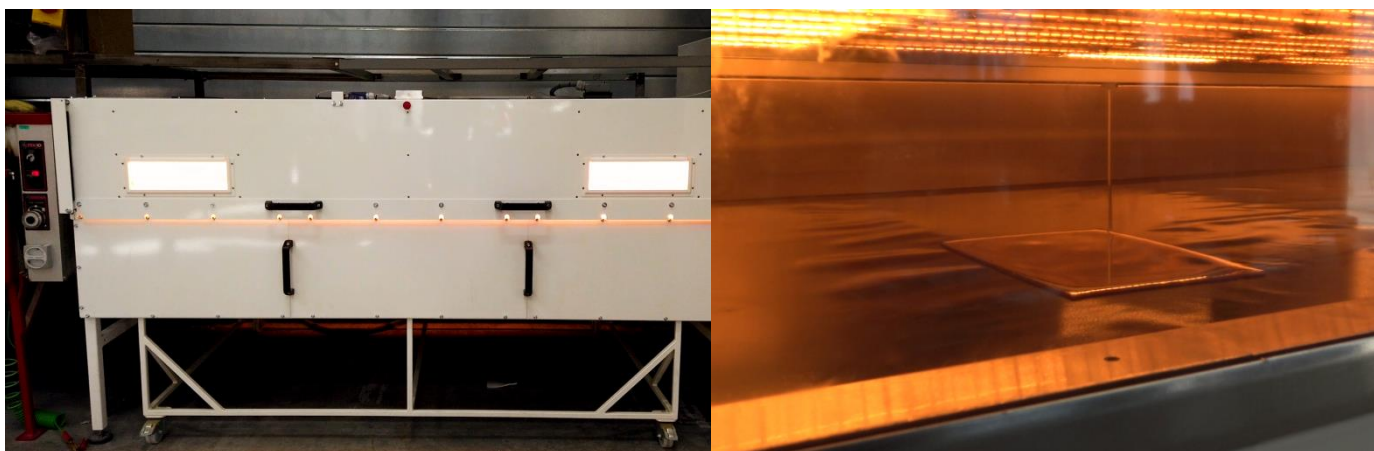
- Regulation by infrared pyrometer without contact on the thermoforming plate,
- Short-wave infrared lamps for speed, precision and temperature homogeneity

## Construction

- Cold wall oven (double skin)
- Safety at opening with automatic lamp shutdown,
- Trolley on wheels with PTFE plate

## Option

- 2 heating zones
- Touch screen
- Multi-language user interface



Have a look at our videos on [www.sopara.com](http://www.sopara.com)



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