Chamber Oven
1 kW, 2400 - 2500 MHz

APPLICATION

- Bakery oven for bread baking
- Increased homogenity without moving parts
- Acceleration of baking processes by up to 75%
- Avoidance of Acrylamide
- Temperature adjustment 30° - 250° C



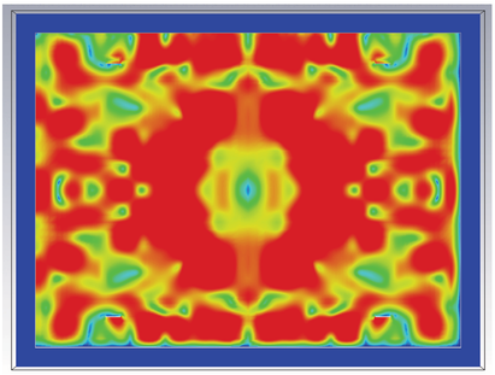
FEATURES

- Chamber lighting with LED
- Display with touch panel
- Retractable oven door slides sideways into the housing Humidity sensor or regulation
- Hot air ventilation adjustment - 8 positions, closed circuit

SPECIFICATION

Electrical and Technical Data

Type	Solid State
Power	4 x 250 W = 1 kW stepless adjustable in 1 W - steps
Frequency with matched load	2400...2500 MHz stepless adjustable in 1 MHz - steps
Supply voltage	230 VAC, 50 Hz
Total power consumption	10 kVA



Simulation of power flow

Cooling

Water cooling

Cooling water flow rate	12 l/min
Inlet water temperature	20° - 25° C
Inlet pressure	min. 3.5 bar, max. 5 bar

Recommended performance of the recirculating chiller

Cooling capacity	min. 2.4 kW

Mechanical Data

Outer dimension WxHxD	1100 mm x 1765 mm x 860 mm
Weight	ca. 350 kg

Housing

Chamber and frame made of stainless steel

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Fricke und Mallah Microwave Technology GmbH
Werner-Nordmeyer-Str. 25 I 31226 Peine I Germany
Tel.: +49 (0) 5171 54 57-0 I Fax: +49 (0) 5171 54 57-26
info@microwaveheating.net I www.microwaveheating.net