Hybrid Chamber Oven 24kW / 2445...2475 MHz
Based on Magnetron Technology

Application
Heating of plastics and silicone moulds for the Automotive Industry

Technical Data
Type of Microwave Generator
Magnetronhead
Power
4 x 6kW = 24kW
stepless adjustable in 1W - steps
Frequency
f = 2445...2475 MHz
Supply voltage
3x 400 V AC 50 Hz
Total connected load
max. 51 kVA

Cooling
Water cooling
Cooling water flow rate
ca. 40 l/min.
Water Temperature
19° - 25° C
Control
Monitoring of water flow rate

Dimensions
Inner dimension WxDxH
1200 x 1200 x 800 mm
Outer dimension WxDxH
2200 x 2000 x 2600 mm
Allowed maximum loading
max. 600 kg

Housing
Microwave chamber and oven cover made of stainless steel
Frame made of aluminium profiles

Features
Circulating air heating up to 160° C
4 x 6kW switch mode power supplies with Profinet communication
4 x 6kW Microwave Generator Heads with ARC Detection and Magnetron Temperature Monitoring
2 side-mounted air heaters each with 4.5 kW (up to 160°C)
Electric door with safety edge
Microwave traps for secure protection against microwave radiation
7” Key-Touchpanel
IR Camera with 10 measurement fields

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