


HTS-2/M/Zirkon-120



The HTS-2/M/ZIRKON-120 is a sintering furnace with a lift door, capable of accommodating up to two stacked sintering trays with a diameter of Ø 120 mm and a height of 30 mm. The heating system, equipped with four high-quality molybdenum disilicide (MoSi₂) heating elements, enables both conventional long-term sintering and SPEED sintering with a maximum heating rate of 120°C/min. The maximum sintering temperature is 1650°C.

All sintering programs can be programmed with up to 9 finely adjustable stages. Additionally, the furnace offers specialized program features such as linear cooling, pre-drying, ventilated heating, and speed cooling. A total of 30 sintering programs are stored in 4 program groups, each with predefined parameters.

The HTS-2/M/ZIRKON-120 is programmed and operated via an intuitive interface. Program data and device status are displayed on a 4-line LCD screen. An integrated timer function allows sintering processes to run automatically. Three preset service programs assist with the maintenance and cleaning of the heating system and sintering accessories.




Technical information

Power Max:	3200 W
Voltage range / frequency:	200-240 V / 50-60 Hz
Weight:	60 kg
Dimensions (W/D/H):	390/500/790 mm
Max. programmable heating rate:	120 °C/min
Max. temperature:	1650°C
Heating elements:	4x MoSi₂
Max. heating-chamber capacity:	2x sintering tray Ø=120/H=30mm