

HT-2/M/ZIRKON-120



The HT-2/M/ZIRKON-120 is a sintering furnace with a lift door, capable of accommodating up to three stacked sintering trays with a diameter of Ø 120 mm and a height of 30 mm. The heating system, featuring six high-quality molybdenum disilicide (MoSi_2) heating elements, allows for both conventional long-term sintering and SPEED sintering within just 76 minutes. The maximum heating rate is $99^\circ\text{C}/\text{min}$, with a maximum sintering temperature of 1650°C .

The HT-2/M/ZIRKON-120 is programmed and operated via an intuitive interface. Up to 30 programs can be stored. The 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:	3800 W (3,8 kW)
Voltage range / frequency:	200-240 V / 50-60 Hz
Weight:	74 kg
Dimensions (WxDxH):	500/560/820 mm
Max. programmable heating rate:	$99^\circ\text{C}/\text{min}$
Max. temperature:	1650°C
Heating elements:	6x MoSi_2
Max. heating-chamber capacity:	3x sintering tray $\text{Ø}=120/\text{H}=30\text{mm}$

