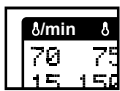


# HT-2/M/ZIRKON-120

EN



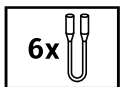
LCD display



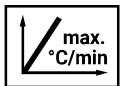
30 programs capacity



4 heating stages



6 St. MoSi2 heating elements



Max. heating rate 99°C/min



Linear cooling



3 service programs



720300001 HT-2/M/ZIRKON-120 - Sintering furnace

MIHM-VOGT GmbH & Co. KG  
Friedrich-List-Str. 8  
76297 Stutensee-Blankenloch

TEL +49 7244 70871-0 E-MAIL info@mihm-vogt.de  
FAX +49 7244 70871-20 WEB www.mihm-vogt.de

MADE IN GERMANY



# HT-2/M/ZIRKON-120



## Technical information

### Heating system

Process capability	SPEED, CLASSIC
Heating elements	6x MoSi2
Max. temperature	1650 °C
Thermocouple	PtRh-Pt, type S
Temperature accuracy	+/- 3 °C at 1500 °C
Heating-chamber capacity	3x sintering tray $\varnothing=120/H=30$ mm, heating-chamber interior height: 105 mm

### Program control

Program capacity	30
Number of programmable stages	4
Max. programmable heating rate	99 °C/min (SPEED program)
Min. programmable heating rate	1 °C/min
Special functions	pre-drying, heating-up ventilated, autostart timer
Service programs	Temperature control in conjunction with the test-kit Purge heating chamber Regenerate heating elements

### Process times

	CLASSIC	SPEED
Max. programmable heating rate	30 °C/min	99 °C/min
Shortest heating period to 1500 °C at 230 V	49 min	27 min
Shortest cooling period	67 min (down to 300 °C)	19 min (down to 750 °C)
Process duration	146 min (2,4 h)*	76 min (1,3 h)*

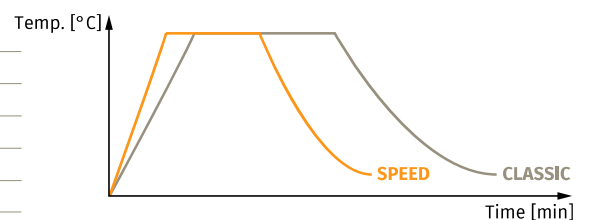
\* Process parameters: Sinter temperature = 1500 °C, holding time = 30 min, 1x sintering tray

## Technical data

### HT-2/M/ZIRKON-120

Power max.	3800 W (3,8 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	74 kg
Dimensions W/D/H	500/560/820 mm
Power consumption per cycle	2,3 kWh

## Program curves



## Scope of delivery

### Sintering tools

8201000014	Sintering tray SPEED, 120/30; slotted (2x)
8203000003	Stacking disc, 120/15; for sintering tray
8201000004	Sintering granulate YTZ; 200g

### Accessories

8202000018	rucible tongs 18/10, 120; bent
8202000008	Power cord EU, C19; 16A



Stand: 05/24 Revisionsnummer: V1.0 05/2024  
Das Dokument wurde mit größter Sorgfalt erstellt,  
dennoch sind Änderungen und Irrtümer vorbehalten.  
Abbildungen ähnlich.