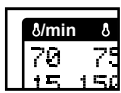


HTS-2/M/ZIRKON-120

EN



LCD display



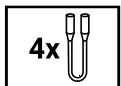
30 programs capacity



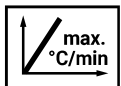
5 program groups



9 heating stages



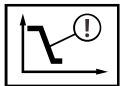
4x MoSi2 heating elements



Max. heating rate 120°C/min



Linear cooling



SPEED COOLING



3 service programs



720200002 HTS-2/M/ZIRKON-120 - Sintering furnace

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MADE IN GERMANY



HTS-2/M/ZIRKON-120



Technical information

Heating system

Process capability	SPEED, CLASSIC
Heating elements	4x MoSi2
Max. temperature	1650 °C
Thermocouple	PtRh-Pt, type S
Temperature accuracy	+/- 3 °C at 1500 °C
Heating-chamber capacity	2x sintering tray Ø=120/H=30mm, heating-chamber interior height: 75 mm

Program control

Program capacity	30
Number of programmable stages	9
Max. programmable heating rate	120 °C/min (SPEED program)
Min. programmable heating rate	1 °C/min
Special functions	pre-drying, heating-up ventilated, SPEED COOLING, 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	120 °C/min
Shortest heating period to 1500 °C at 230 V	49 min	16 min
Shortest cooling period	47 min (down to 300 °C)	8 min (down to 750 °C)
Process duration	126min (2,1 h)*	54 min (0,9 h)*

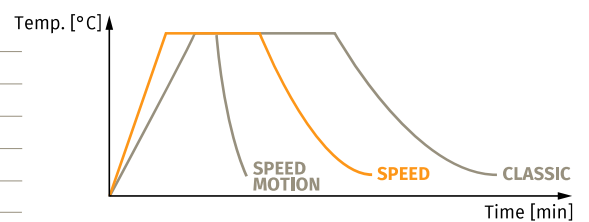
* Process parameters: Sinter temperature = 1500 °C, holding time = 30 min, 1x sintering tray

Technical data

HTS-2/M/ZIRKON-120

Power max.	3200 W (3,2 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	60 kg
Dimensions W/D/H	390/500/790 mm
Power consumption per cycle	1,8 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	Crucible 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.