

TABEO-1/M/ZIRKON-100

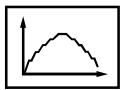
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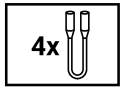
7 segments LED



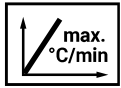
9 programs capacity



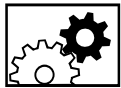
9 heating stages



4x MoSi2 heating elements



Max. heating rate 25°C/min



3 service programs



720100000 TABEO-1/M/ZIRKON-100 - Sintering furnace

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MADE IN GERMANY



TABEO-1/M/ZIRKON-100



Technical information

Heating system

Process capability	CLASSIC
Heating elements	4x MoSi2
Max. temperature	1650 °C
Thermocouple	PtRh-Pt, type S
Temperature accuracy	+/- 3 °C at 1500 °C
Heating-chamber capacity	1x sinter tray $\varnothing=100/H=30$ mm, heating-chamber interior height: 45 mm

Program control

Program capacity	9
Number of programmable stages	9
Max. programmable heating rate	25 °C/min
Min. programmable heating rate	1° C/min
Special functions	Timer
Service programs	Temperature control in conjunction with the test-kit Purge heating chamber Regenerate heating elements

Process times

CLASSIC

Max. programmable heating rate	25° C/min
Shortest heating period to 1500 °C at 230 V	61 min
Shortest cooling period to 300 °C	148 min
Process duration	239 min (4 h)*

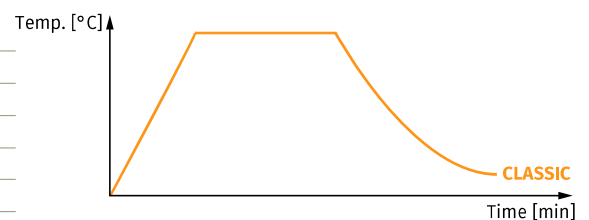
* Process parameters: Sinter temperature = 1500 °C, holding time = 30 min, 1x sintering tray

Technical data

TABEO-1/M/ZIRKON-100

Power max.	1500 W (1,5 kW)
Voltage range; frequency	220-240 V; 50/60 Hz
Weight	55 kg
Dimensions W/D/H	400/400/600 mm
Power consumption per cycle	2,0 kWh

Program curve



Scope of delivery

Sintering tools

8201000012	Sintering tray SPEED, 100/30; slotted
8201000007	Sintering tray lid, 100/4
8201000002	Sintering beads YTZ, 2.0; 200g

Accessories

8202000003	Removal fork T-1
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.