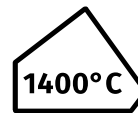
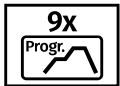


# TABEO-2/M/METAL-120

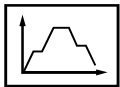
EN



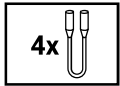
7 segments LED



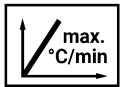
9 programs capacity



4 heating stages



4x MoSi2 heating elements



Max. heating rate 40°C/min



720200003 TABEO-2/M/METAL-120 - Metal sintering furnace

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MADE IN GERMANY



# TABEO-2/M/METAL-120



## Technical information

### Heating system

Process capability	Metal sintering with shielding gas
Heating elements	4x MoSi2
Max. temperature	1400 °C
Thermocouple	PtRh-Pt, Typ S
Temperature accuracy	+/- 3 °C at 1300 °C
Heating-chamber capacity	1x Sintering-system Ø=120/H=54 mm, heating-chamber interior height: 94 mm

### Program control

Program capacity	9, including 4 fix programms
Number of programmable stages	4
Max. heating rate	40 °C/min
Min. programmable heating rate	1 °C/min
Special functions	Autostart timer, variable adjustable shielding gas flow

### Process times

#### METAL (Standard process)

Max. programmable heating rate	40°C/min
Shortest heating period to 1300 °C at 230 V	78 min
Shortest cooling period down to 300 °C	43 min
Process duration	151 min (2,5 h)*

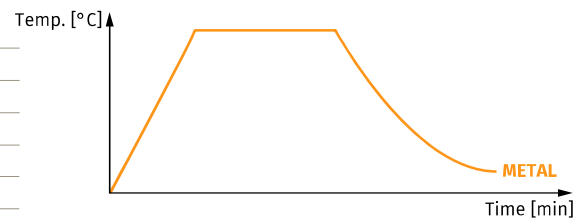
\* **Process parameters:** Sintering temperature = 1300 °C, holding time = 30 min, 1x Sintering-system Ø=120/H=54 mm

## Technical data

### TABEO-2/M/METAL-120

Power max.	1600 W (1,6 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	80 kg
Dimensions W/D/H	530/460/680 mm
Power consumption per cycle	4,2 kWh

## Program curve



## Scope of delivery

### Sintering tools

8201000023	Sintering-system, 120; METAL (kit)
8201000003	Sintering beads YTZ, 1,25mm

### Accessories

8202000018	Crucible tongs 18/10, 120; bent
8202000007	Argon supply tube, 2,5m
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.