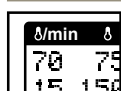
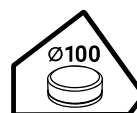
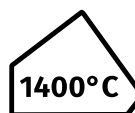


HTS-2/M/METAL-120

EN



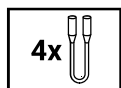
LCD display



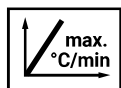
30 programs capacity



4 heating stages



4x MoSi2 heating elements



Max. heating rate 40°C/min



7202000003 HTS-2/M/METAL-120 - Metal sintering furnace

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MADE IN GERMANY



HTS-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, type S
Temperature accuracy	+/- 2 °C at 1300 °C
Heating-chamber capacity	1x Sintering-system, Ø=120/H=54 mm, heating-chamber interior height: 67 mm

Program control

Program capacity	30, including 4 fix programms
Number of programmable stages	4
Max. programmable 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	43 min
Shortest cooling period down to 300 °C	33 min
Process duration	106 min (1,8 h)*

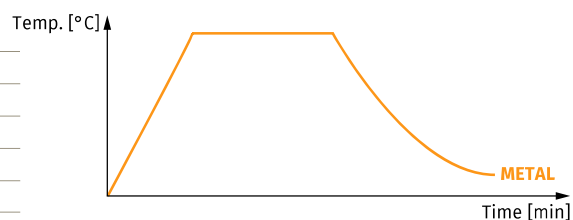
* **Process parameters:** Sintering temperature = 1300 °C, holding time = 30 min,
1x Sintering-system, Ø=120/H=54 mm

Technical data

HTS-2/M/METAL-120

Power max.	2000 W (2,0 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	56 kg
Dimensions W/D/H	390/500/790 mm
Power consumption per cycle	1,75 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: 11/24 Revisionsnummer: V1.0 11/2024
Das Dokument wurde mit größter Sorgfalt erstellt,
dennoch sind Änderungen und Irrtümer vorbehalten.
Abbildungen ähnlich.