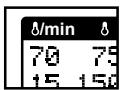
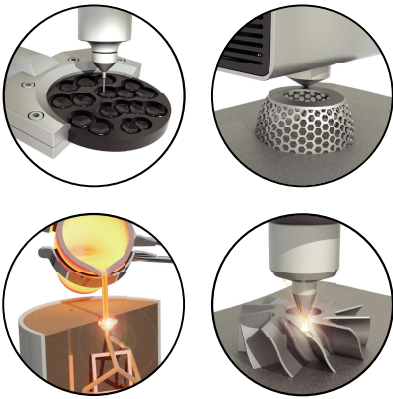


# HTS-2/METAL GLOW-120+

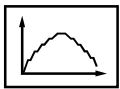
EN



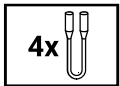
LCD display



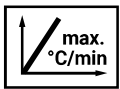
30 programs capacity



9 heating stages



4x MoSi2 heating elements



Max. heating rate 40°C/min



7202000102 HTS-2/METAL GLOW-120+ - Metal sintering & annealing furnace

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MADE IN GERMANY



# HTS-2/METAL GLOW-120+



## Technical information

### Heating system

Process capability	Metal sintering, Metal annealing with/without 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 System set glow Ø=120/H=100 mm, heating-chamber interior height: 105 mm

### Program control

Program capacity	30, including 4 fix programmms
Number of programmable stages	9
Max. programmable heating rate	40 °C/min
Min. programmable heating rate	1 °C/min
Special functions	Autostart timer, shielding gas supply START/STOP programmable, 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	32 min
Shortest cooling period down to 300 °C	76 min
Process duration	138 min (2,3 h)*

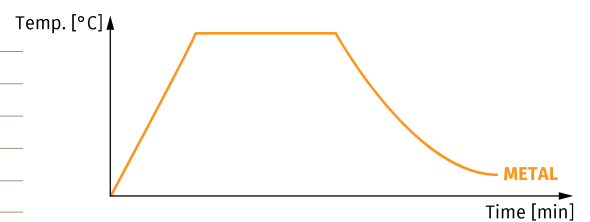
\* Process parameters: Annealing temperature = 1300 °C, holding time = 30 min, 1x System set glow Ø=120/H=100 mm; cover + base plate

## Technical data

### HTS-2/METAL GLOW-120+

Power max.	3000 W (3,0 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	63 kg
Dimensions W/D/H	390/540/800 mm
Power consumption per cycle	1,7 kWh

## Program curves



## Scope of delivery

### Sintering tools

8203000042	System set GLOW, 120; cover + base plate
8203000051	Support GLOW, 120/10
8203000044	Support GLOW for Argon, 120/10

### Accessories

8202001001	Crucible tongs, GLOW; assembled
8202000007	Argon supply tube, 2.5m
8202000008	Power cord EU, C19; 16A



Stand: 10/24 Revisionsnummer: V1.0 10/2024  
Das Dokument wurde mit größter Sorgfalt erstellt,  
dennoch sind Änderungen und Irrtümer vorbehalten.  
Abbildungen ähnlich.