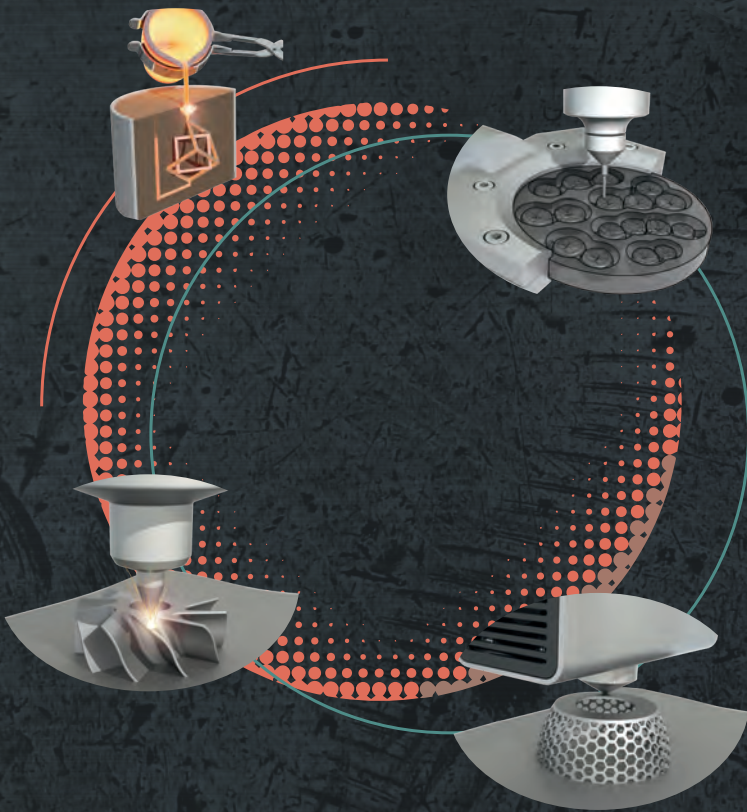


# METAL-SERIES

HTS-2/M/METAL-120



# HTS-2/M/METAL-120



## 30 SINGLE CROWNS or SINTERING DISC

- ▼ High purity molybdenum-disilicide heating elements
- ▼ Maximum temperature 1400°C
- ▼ Sintering system, Ø 120mm; METAL (kit)
- ▼ Program control
  - LCD-Display
  - 4 stages
  - 30 program capacity
  - 4 fixed programs
- ▼ Shielding-gas supply with manual adjustment
- ▼ Thermocouple PtRh-Pt, type S
- ▼ Timer function







# Technical data



HTS-2/M/METAL-120  
720200003

Details    ✓ standard    ✗ not compatible

Technical information		
Heating-chamber height	mm	67
Sintering system	system size	 1 x 120/30 mm
<b>Heating system</b>		
Process capability		
Max. temperature		
Heating elements	type	
	number	4
<b>Values of process</b>		
Max. programmable heating rate	°C/min	40
<b>Program control</b>		
7-segment LED		✗
4-lines LCD		✓
Number of programmable stages		4
Program capacity		30
	Number of fixed programs	4
	Number of customizable programs	26
<b>Shielding-gas</b>		
Shielding-gas consumption	liter/min	manually adjustable
Shielding-gas supply		manually adjustable
<b>Thermocouple</b>		
PtRh-Pt, type S		✓
<b>Special functions</b>		
Emergency cooling system		✗
Door lift		✓
Shielding-gas supply		✓
Timer function		✓

Technical data	HTS-2/M/METAL-120
Power max.	2000 W
Voltage range; frequency	200 – 240 V; 50/60 Hz
Weight	56 kg
Dimensions W/D/H	390/500/790 mm



# Scope of delivery



HTS-2/M/METAL-120  
720200003

- ✓ standard
- optionally available
- ⊕ optionally available, but with reservations
- ✗ not compatible

Sintering tools		
8201000002	Sintering beads YTZ, 2.0; 200g	●
8201000003	Sintering beads YTZ, 1.25; 280g	✓
8201000022	Sintering-system, 100; METAL (kit)	●
8201000023	Sintering-system, 120; METAL (kit)	✓

Accessories		
8202000002	Crucible tongs, 100-120mm; METAL	✓
8202000005	Diamond whetstone; for sintering discs	●
8202000006	Pressure reducer for Argon	●
8202000007	Argon supply tube, 2.5m	✓
8202000008	Power cord EU, C19; 16A	✓
8202000009	Power cord USA, C19; 16A	●
8202000010	Power cord GB, C19; 13A	●

**CONSISTENT.  
RELIABLE.  
PRECISE.**



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