

New:
Glaze function
for the
HTS-2/M/ZIRKON-120

More possibilities.
Greater efficiency.
More flexibility.



Maximum shine and high brilliance
thanks to precisely controlled
process parameters.



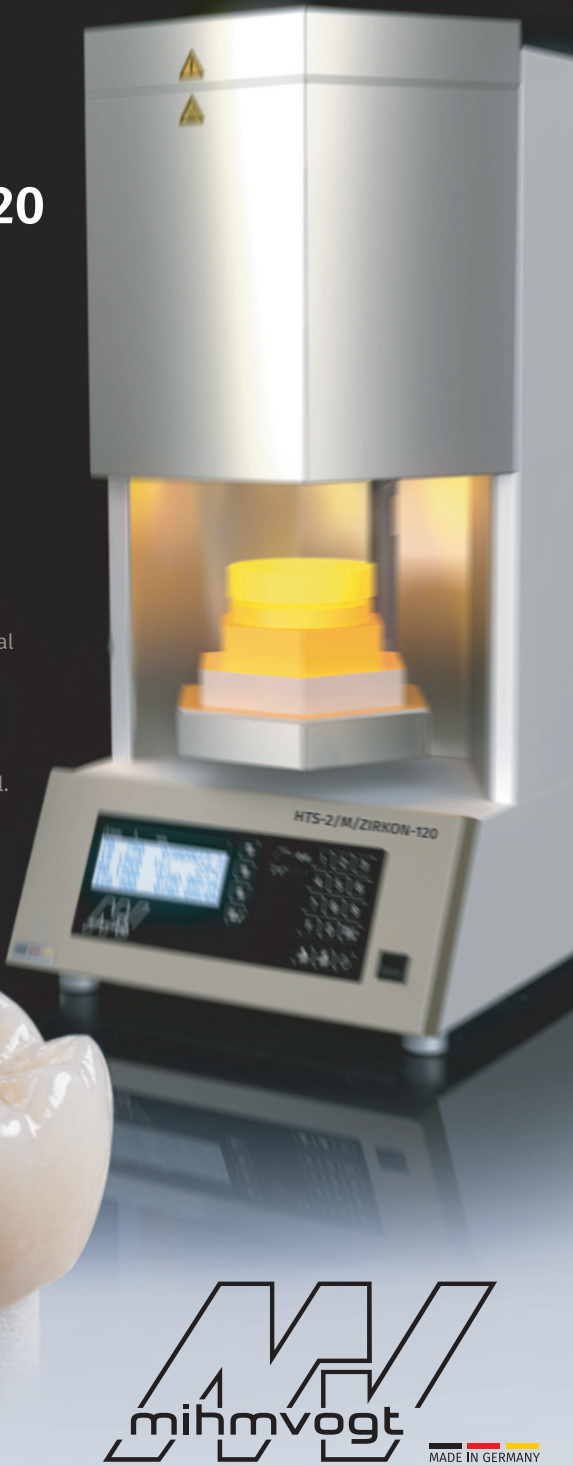
Reliable process control,
as all procedures correspond to typical
operations with a ceramic furnace.



Reproducible results
thanks to precise temperature control.



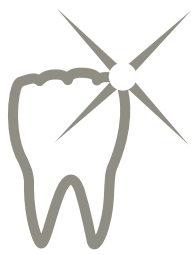
Time, cost, and space efficiency
thanks to the entire workflow
using just one system.



TECHNOLOGY
THAT PERFECTS
AESTHETICS.



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With its new glaze function, the HTS-2/M/ZIRKON-120 expands its range of applications and provides dental laboratories with even more comprehensive support in their daily workflow. In addition to proven high-performance sintering processes, glazing processes can now also be carried out conveniently and precisely.

This gives you more possibilities, greater efficiency, and more flexibility.

Your benefits at a glance:



Expanded applications for modern zirconia restorations.



Precise temperature control for reproducible results.



Easy integration into existing workflows.



Time and space savings thanks to additional process options in a single system.



The process control has been adapted to the requirements of glaze processes and corresponds to the typical operating procedures of a ceramic furnace.

Efficient workflow from a single source

The new glaze function supports an optimized manufacturing process and contributes to a high-quality surface finish. Users benefit from convenient operation and the reliably proven technology of the HTS-2/M/ZIRKON-120, which ensures efficient processes and impressive results.

Future-oriented technology for modern dental laboratories

With this new feature, MIHM-VOGT takes another step toward more versatile and cost-effective manufacturing processes. The HTS-2/M/ZIRKON-120 thus offers even greater flexibility to meet the demands of the digital dental laboratory.



Note: The specific applicability of the glaze firing function depends on the respective processing recommendations of the material manufacturers.

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HTS-2/M/ZIRKON-120 EN



Lorem ipsum

- LCD display
- 30 programs capacity
- 5 program groups
- 9 heating stages
- 4x MoSi2 heating elements
- Max. heating rate 120°C/min
- Linear cooling
- SPEED COOLING
- 3 service programs



7202000002 HTS-2/M/ZIRKON-120 - Sintering furnace

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MADE IN GERMANY



HTS-2/M/ZIRKON-120



Technical information

Heating system	
Process capability	SPEED, CLASSIC
Heating elements	4x MoSi2
Max. temperature	1650 °C
Thermocouple	PtRh-Pt, type S
Temperature accuracy	+/- 3 °C at 1500 °C
Heating-chamber capacity	2x sintering tray Ø=120/H=30mm, heating-chamber interior height: 75 mm

Program control

Program capacity	30
Number of programmable stages	9
Max. programmable heating rate	120 °C/min (SPEED program)
Min. programmable heating rate	1 °C/min
Special functions	pre-drying, heating-up ventilated, SPEED COOLING, autostart timer
Service programs	Temperature control in conjunction with the test-kit Purge heating chamber Regenerate heating elements

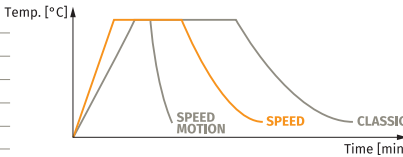
Process times	CLASSIC	SPEED
Max. programmable heating rate	30 °C/min	120 °C/min
Shortest heating period to 1500 °C at 230 V	49 min	16 min
Shortest cooling period	47 min (down to 300 °C)	8 min (down to 750 °C)
Process duration	126min (2,1 h)*	54 min (0,9 h)*

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

Technical data

HTS-2/M/ZIRKON-120	
Power max.	3200 W (3,2 kW)
Voltage range; frequency	200-240 V; 50/60 Hz
Weight	60 kg
Dimensions W/D/H	390/500/790 mm
Power consumption per cycle	1,8 kWh

Program curves



Scope of delivery

Sintering tools	
8201000014	Sintering tray SPEED, 120/30; slotted (2x)
8203000003	Stacking disc, 120/15; for sintering tray
8201000004	Sintering granulate YTZ; 200g

Accessories	
8202000018	Crucible tongs 18/10, 120; bent
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.