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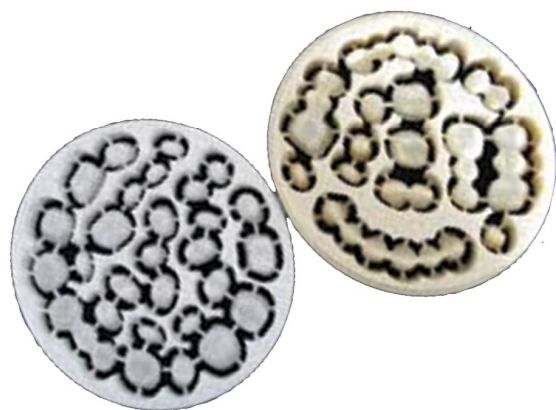
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The HT Series



Due to the size of the heating chamber, it is now possible to process three sintering trays Ø= 120mm during the conventional long-term sintering. However, the heating system with six high-quality molybdenum disilicide heating elements (MoSi₂) enable you to carry out processes within 76 minutes in a SPEED-sintering process. These represent optimal prerequisites for your dental laboratory or milling centre.






As with all our model variants, the HT-2 is operated with a simple,



Details ✓ standard ✗ not compatible

HTS-2/M/ZIRKON-120
7202000002

Technical information

Heating-chamber height	mm	72
Max. heating-chamber capacity	number of trays	 2 x 120/30 mm
Heating system		
Process capability		 
Max. temperature		
Heating elements	Type	
	Number	4
Process times CLASSIC [1*]		
Max. programmable heating rate	°C/min	30
Shortest heating period to 1500°C at 230V	min	55
Shortest cooling period to 300°C	min	47
Process duration (incl. holding time 30 min)	min(h)	132(2,2)
Process times SPEED [1*]		
Max. programmable heating rate	°C/min	99
Shortest heating period to 1500°C at 230V	min	25
Shortest cooling period to 750°C	min	18
Process duration (incl. holding time 30 min)	min(h)	73(1,2)
Programm control		
7-segment LED		✗
4-lines LCD		✓
Number of programmable stages		4
Program capacity		30
	Number of fixed programs	✗
	Number of customizable programs	30
Special programs		
Drying		✓
Heating-up ventilated		✓
Service programs		
A-Temperature control [2*]		✓
C-Purge heating chamber		✓
E-Regenerate heating elements		✓
Thermocouple		
PIRH-PT, type S		✓



The TABEO Series Tabeo 1



The model variants of the TABEO series are ideal for use either to supplement smaller CAD/-CAM systems or for extending existing sintering furnaces.

Their respective capacities vary from one sintering tray Ø= 100mm up to three sintering trays Ø= 120mm. Your sintering program can easily be entered and saved in the program controller which is adapted for the TABEO series. Pre-set service programs support you during the simple maintenance and cleaning of the heating systems.

Details ✓ standard ✗ not compatible

TABEO-1/S/ZIRKON-100
7201000001

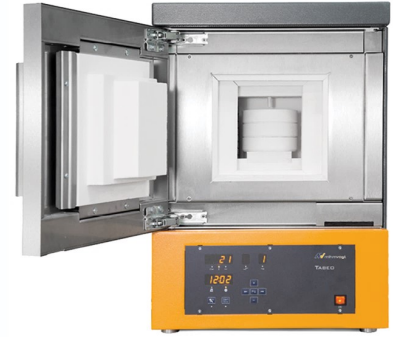
Technical information

Heating-chamber height	mm	42
Max. heating-chamber capacity	number of trays	1 x 100/30 mm
Heating system		
Process capability		CLASSIC
Max. temperature		1550°C
Heating elements	type	SIC
	number	4
Process times CLASSIC [1*]		
Max. programmable heating rate	°C/min	25
Shortest heating period to 1500°C at 230V	min	63
Shortest cooling period to 300°C	min	124
Process duration (incl. holding time 30 min)	min(h)	217(3,6)
Process times SPEED [1*]		
Max. programmable heating rate	°C/min	✗
Shortest heating period to 1500°C at 230V	min	✗
Shortest cooling period to 750°C	min	✗
Process duration (incl. holding time 30 min)	min(h)	✗
Programm control		
7-segment LED		✓
4-lines LCD		✗
Number of programmable stages		4
Program capacity		9
	Number of fixed programs	✗
	Number of customizable programs	9
Special programs		
Drying		✗
Heating-up ventilated		✗
Service programs		
A-Temperature control [2*]		✓
C-Purge heating chamber		✓
E-Regenerate heating elements		✗
Thermocouple		
PIRh-Pt, type S		✓





The TABEO Series Tabeo 2



The model variants of the TABEO series are ideal for use either to supplement smaller CAD/-CAM systems or for extending existing sintering furnaces.

Their respective capacities vary from one sintering tray Ø= 100mm up to three sintering trays Ø= 120mm. Your sintering program can easily be entered and saved in the program controller which is adapted for the TABEO series. Pre-set service programs support you during the simple maintenance and cleaning of the heating systems.

Details

✓ standard

✗ not compatible

TABLEU-4230-41RUM-16V

7201000002

Technical information


Heating-chamber height

mm

92

Max. heating-chamber capacity


number of trays



3 x 120/30 mm


Heating system

Process capability



CLASSIC


Max. temperature



1550°C

Heating elements

type



SiC

number

4

Process times CLASSIC [1*]

Max. programmable heating rate

°C/min

25

Shortest heating period to 1500°C at 230V

min

58

Shortest cooling period to 300°C

min

143

Process duration (incl. holding time 30 min)

min(h)

231(3,9)

Process times SPEED [1*]

Max. programmable heating rate

°C/min

✗

Shortest heating period to 1500°C at 230V

min

✗

Shortest cooling period to 750°C

min

✗

Process duration (incl. holding time 30 min)

min(h)

✗

Programm control

7-segment LED

✓

4-lines LCD

✗

Number of programmable stages

4

Program capacity

9

Number of fixed programs

✗

Number of customizable programs

9

Special programs

Drying

✗

Heating-up ventilated

✗

Service programs

A-Temperature control [2*]

✓

C-Purge heating chamber

✓

E-Regenerate heating elements

✗

Thermocouple

PlRh-Pt, type S

✓

