

Standard equipment



- Scope of delivery
- Optionally available
- O1 Optional, but not to use for speed cycles
- not available

Sintering tools

| | TABEO | HT-S | HT-S Speed | HT | HT Speed |
|---------------------------------|-------|------|------------|----|----------|
| Sintering bowl 100 mm | ● | ● | O1 | - | - |
| Cover for sintering bowl 100 mm | ● | ● | O1 | - | - |
| Sintering bowl 120 mm | - | - | - | ● | O1 |
| Cover for sintering bowl 120 mm | - | - | - | ● | O1 |
| Speed sintering bowl 100 mm | ○ | ○ | ● | - | - |
| Speed sintering bowl 120 mm | - | - | - | ○ | ● |
| YZT sintering beads 2 mm; 200 g | ● | ● | ● | ● | ● |

Operating accessories

| | | | | | |
|-----------------|---|---|---|---|---|
| Removing pliers | - | ● | ● | ● | ● |
| Removing fork | ● | - | - | - | - |

Special equipment



- Scope of delivery
- Optionally available
- O1 Optional, but not to use for speed cycles
- not available

| | TABEO | HT-S | HT-S Speed | HT | HT Speed |
|---|-------|------|------------|----|----------|
| Base for speed sintering bowl 100 mm | ○ | ○ | ○ | - | - |
| Ring for speed sintering bowl 100 mm | ○ | ○ | ○ | - | - |
| Base for speed sintering bowl 120 mm | - | - | - | ○ | ○ |
| Ring 120 mm for speed sintering bowl | - | - | - | ○ | ○ |
| Sintering disc 100 mm | ○ | ○ | O1 | - | - |
| Sintering disc 120 mm | - | - | - | ○ | O1 |
| Diamond grinding stone for sintering discs 2* | ○ | ○ | ○ | ○ | ○ |
| YZT sintering beads 1.25 mm; 200 g | ○ | ○ | ○ | ○ | ○ |

2* To work on the sintering discs

Technical data

- Scope of delivery
- Optionally available
- not available

Heating elements

| | TABEO | HT-S | HT-S Speed | HT | HT Speed |
|----------------------------------|-------|------|------------|----|----------|
| MoSi ₂ -Standard, 140 | 4 | 4 | - | - | - |
| MoSi ₂ -Speed, 140 | - | - | 4 | - | - |
| MoSi ₂ -Standard, 160 | - | - | - | 6 | - |
| MoSi ₂ -Speed, 160 | - | - | - | - | 6 |

Thermocouple

| | | | | | |
|-----------------------|---|---|---|---|---|
| PtRh-Pt 140 mm, Typ S | ● | ● | ● | ● | ● |
|-----------------------|---|---|---|---|---|

Program control

| | | | | | |
|--|---|---|---|---|---|
| Display 7-segment LED, 4 dwelling steps 9 programs free | ● | ● | ● | - | - |
| LCD display; 4 dwelling steps, 25 programs free Text input, four-line display | - | - | - | ● | ● |

General information in comparison

| | TABEO | HT-S | HT-S Speed | HT | HT Speed |
|--|------------|------------|------------|------------|------------|
| Capacity, number of sintering bowls, Ø mm | 1 x 100 | 1 x 100 | 1 x 100 | 2 x 120 | 2 x 120 |
| Maximum temperature °C | 1650 | 1650 | 1650 | 1650 | 1650 |
| Maximum programmable heating rate °C/min | 30 | 30 | 70 | 30 | 99 |
| Speed function | - | - | ● | - | ● |
| Energy consumption/cycle kWh 1* | 3,8 | 3,8 | 4,0 | 5,2 | 5,5 |
| Energy consumption/speed cycle kWh 1* | - | - | 2,2 | - | 2,5 |
| Power W | 1300 | 1720 | 2000 | 3100 | 3800 |
| Voltage V Frequency range 50/60 Hz | 220-240 | 200-240 | 220-240 | 200-240 | 220-240 |
| Weight kg | 55 | 58 | 58 | 75 | 75 |
| Dimensions W/H/D cm | 40/60/40 | 39/78/50 | 39/78/50 | 50/80/60 | 50/80/60 |

1* standardized program parameters of the manufacturer

Subject to technical change without prior notice.

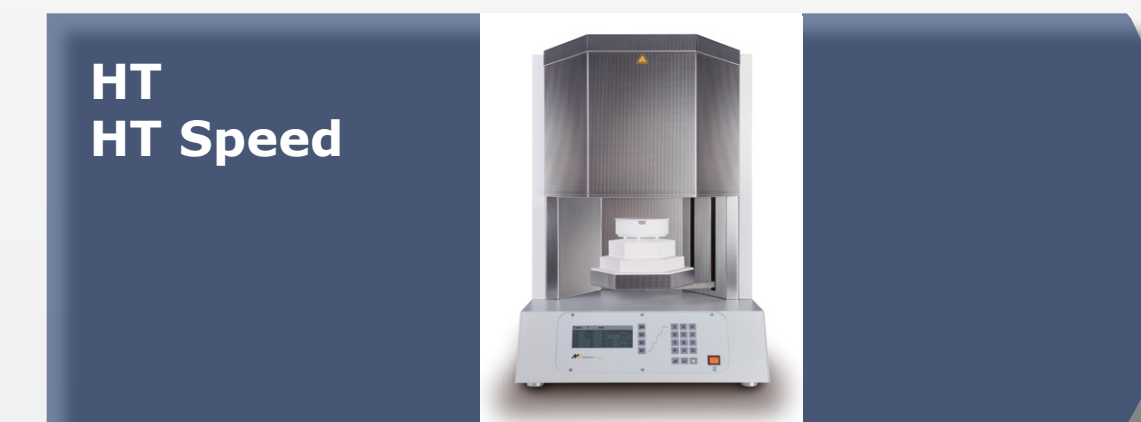
Special functions

- Scope of delivery
- Optionally available
- not available

Special features

| | TABEO | HT-S | HT-S Speed | HT | HT Speed |
|--|-------|------|------------|----|----------|
| Special programs for ventilated heating up | - | - | - | ● | ● |
| Special programs with pre-drying stage | - | - | - | ● | ● |
| RS-232 interface | ○ | ● | ● | ● | ● |
| Emergency cooling function | - | ● | ● | ● | ● |
| Door control via lift function | - | ● | ● | ● | ● |
| Electronic door lock | ● | - | - | - | - |
| Network interruption control | ● | ● | ● | ● | ● |
| Door hinges left/right | ○ | - | - | - | - |

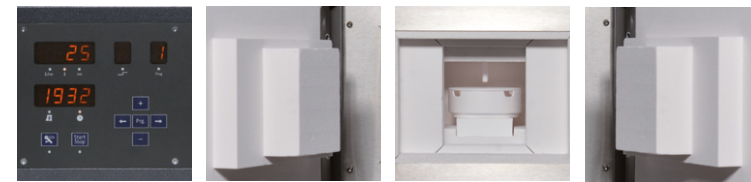
Sintering furnaces Model overview



Mihm-Vogt · Dental Gerätebau GmbH & Co. KG

Friedrich-List-Str. 8 · 76297 Stutensee-Blankenloch
Phone: +49 (0) 7244 70871-0 · Fax: +49 (0) 7244 70871-20
info@mihm-vogt.de · www.mihm-vogt.de

TABEO



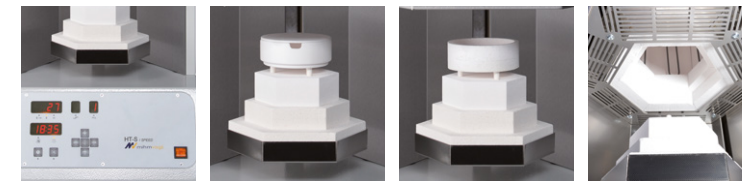
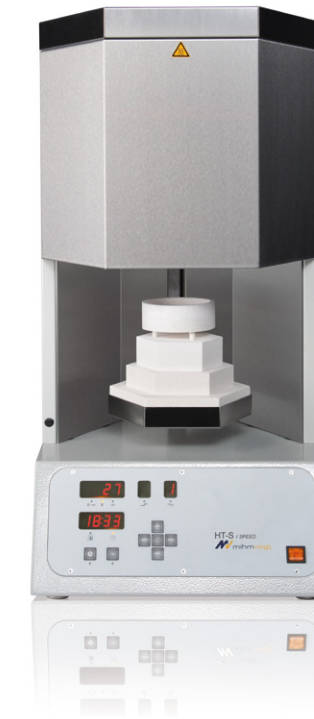
TABEO stands for efficiency and offers high-quality technology, accessories and solutions for high standards at a fair price.

Compact and with a small space requirement the new sintering furnace TABEO has still a sufficient capacity for a sintering bowl Ø 100 mm up to 20 single crowns.

The freely selectable programs simplify the handling and allow all sintering functions with standard sintering programs. The electronic door lock prevents premature opening. According to your individual needs the door hinge can be ordered to right or left.

| Technical data | TABEO |
|---------------------------|-------------------------|
| Temperature max. | 1650 °C |
| Combustion chamber volume | 1 bowl Ø 100 x 35 mm |
| Power max. | 1300 W |
| Voltage range | 220 V – 240 V; 50/60 Hz |
| Weight kg | 55 |
| Dimensions W/H/D cm | 40/60/40 |

HT-S HT-S Speed



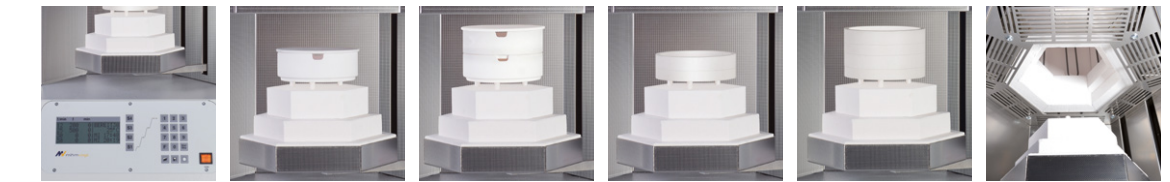
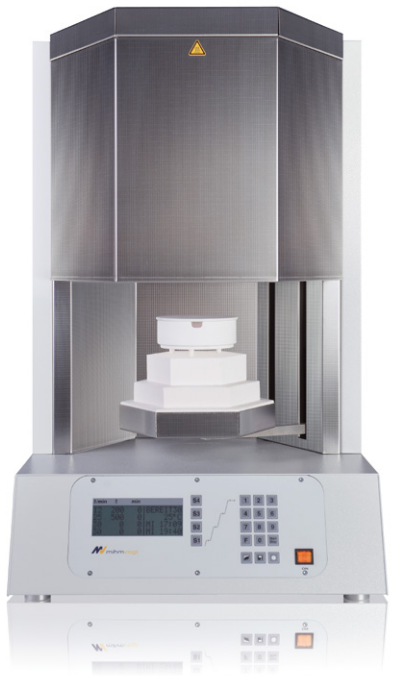
The sintering furnaces of HT-S series are the ideal complement to all existing CAD / CAM systems and materials for laboratories with a smaller and medium workload.

Freely selectable programs simplify the handling and the door lift allows a comfortable arrangement of the sinter pad. An optimal distribution of the heat in the heating chamber, as well as sufficient capacity for a sintering bowl Ø 100 mm for up to 20 individual crowns.

The variant HT-S Speed additionally allows to shorten process times depending on the processed material and to work energy-efficiently.

| Technical data | HT-S | HT-S Speed |
|---------------------------|-------------------------|-------------------------|
| Temperature max. | 1650 °C | 1650 °C |
| Combustion chamber volume | 1 bowl Ø 100 x 35 mm | 1 bowl Ø 100 x 35 mm |
| Power max. | 1720 W | 2000 W |
| Voltage range | 200 V – 240 V; 50/60 Hz | 220 V – 240 V; 50/60 Hz |
| Weight kg | 58 | 58 |
| Dimensions W/H/D cm | 39/78/50 | 39/78/50 |

HT HT Speed



Additionally to the specifications known from the series HT-S, the high-temperature furnaces of HT series offer a majority of standard and special functions. These functions will support you at medium to high workload and are the ideal completion of your CAD / CAM system in the laboratory and milling center.

They are easy to use and offer an even more convenient operation via an easy-to-understand display. In addition, freely selectable programs with additional texts make working easier. The larger chamber volume for up to two large sintering bowls Ø 120 mm allows the production of scaffolding and up to 50 single crowns.

The variant HT Speed allows faster heat-up rates to shorten process times depending on the processed material and to work even more energy efficient.

| Technical data | HT | HT Speed |
|---------------------------|---|--|
| Temperature max. | 1650 °C | 1650 °C |
| Combustion chamber volume | 2 bowls Ø 120 x 35 mm Delivery-contents: 1 bowl 2 nd bowl optional | 2 bowls Ø 120 x 35 mm Delivery-contents: 1 bowl, 2 nd bowl optional |
| Power max. | 3100 W | 3800 W |
| Voltage range | 200 V – 240 V; 50/60 Hz | 220 V – 240 V; 50/60 Hz |
| Weight kg | 75 | 75 |
| Dimensions W/H/D cm | 50/80/60 | 50/80/60 |