



TABEO



Valid from 01.04.2017

TABEO-1 / M / ZIRKON-100

TABEO-2 / M / ZIRKON-120



The MoSi versions are equipped with 4 high-quality MoSi heating elements of the latest generation allowing a sintering temperature of up to 1650°C.

The regular execution of pre-set service programs can prevent possible discoloration of restorations and increase the life span of the heating elements and the heating chamber.

▼ **High-quality molybdenum-disilicide heating elements**

▼ **Maximum temperature 1650°C**

▼ **Service programs**

A - Temperature control*

C - Purge heating chamber

E - Regenerate heating elements

* only in conjunction with test-kit



Technical Data	TABEO-1 / M / ZIRKON-100	TABEO-2 / M / ZIRKON-120
Heating-chamber volume	1 tray Ø 100x30 mm	3 trays Ø 120x30 mm
Power max.	1500 W	1800 W
Voltage range / frequency	220 – 240 V; 50 / 60 Hz	200 – 240 V; 50 / 60 Hz
Weight	55 kg	80 kg
Dimensions W/D/H	400/400/600 mm	480/460/680 mm

THE NEW GENERATION

TABEO

The new generation of the model series TABEO / ZIRCONIUM has been designed in close cooperation with dental laboratories and dealers worldwide. The result is a device concept which fully complies with most varied requirements not only in terms of economic efficiency and reliability, but especially with regard to characteristics of modern materials.

▼ Program control

- 7-Segment LED
- 4 steps
- 9 program numbers
- Special functions

- ▼ Thermocouple PtRh-Pt, type S
- ▼ max. heating rate 25K/min
- ▼ Temperature accuracy at 1500°C +/- 3 °C
- ▼ Over-night programming



TABEO-1 / S / ZIRKON-100

TABEO-2 / S / ZIRKON-120



The SiC versions are equipped with 4 high-quality heating elements made of silicon-carbide, allowing a sintering temperature of up to 1550°C and preventing discoloration of the restorations caused by molybdenum. Pre-set service programs increase the life span of the heating elements and the heating chamber in addition.

- High-quality silicon-carbide heating elements
- Maximum temperature 1550°C
- Service programs
 - A - Temperature control*
 - C - Purge heating chamber

* only in conjunction with test-kit



Technical Data	TABEO-1 / S/ ZIRKON-100	TABEO-2/ S/ ZIRKON-120
Heating-chamber volume	1 tray Ø 100x30 mm	3 trays Ø 120x30 mm
Power max.	1700 W	2000 W
Voltage range / frequency	200 – 240 V; 50 / 60 Hz	200 – 240 V; 50 / 60 Hz
Weight	60 kg	85 kg
Dimensions W/D/H	400/400/600 mm	480/460/680 mm

Technical Data



Details

✓ standard ✗ not compatibel

TABEO-1/S/ZIRKON-100 TABEO-2/S/ZIRKON-120 TABEO-1/M/ZIRKON-120 TABEO-2/M/ZIRKON-120
9250 9260 9270 9280

Technical informations					
Heating system					
Scope/system size					
Max. temperature	Tmax.				
Heating elements	type				
	number	4	4	4	4
Heating-chamber high	mm	42	92	42	92
Sintering tray					
Process times CLASSIC [1*]					
Max. programmable heating rate	K/min	25	25	25	25
shortest heating periode to 1.500°C at 230V	min	63	58	61	72
shortest cooling periode to 300°C	min	124	143	148	145
Process duration (incl. dwelling time 30 min)	min (h)	217(3,6)	231(3,9)	239(4)	247(4,1)
Process times SPEED [1*]					
Max. programmable heating rate	K/min	✗	✗	✗	✗
shortest heating periode to 1.500°C at 230V	min	✗	✗	✗	✗
shortest cooling periode to 750°C	min	✗	✗	✗	✗
Process duration (incl. dwelling time 30 min)	min (h)	✗	✗	✗	✗
Programm control					
7-segment LED		✓	✓	✓	✓
4-lines LCD		✗	✗	✗	✗
Number of process steps		4	4	4	4
Program numbers		9	9	9	9
	fixed programs	✗	✗	✗	✗
	Program numbers free	9	9	9	9
Special Programs					
drying		✗	✗	✗	✗
heat-up ventilated		✗	✗	✗	✗
Service Programs					
A-Temperature control [2*]		✓	✓	✓	✓
C-Purge heating chamber		✓	✓	✓	✓
E-Regenerate heating elements		✗	✗	✓	✓
Thermocouple					
PtRh-Pt, type S		✓	✓	✓	✓
Special functions					
Buffering of emergency-cooling battery		✗	✗	✗	✗
Port RS 232		✓	✓	✓	✓
Door lift function		✗	✗	✗	✗
Over-night programming		✓	✓	✓	✓
Technical Data					
Power max.	W	1700	2000	1500	1800
Voltage range / frequency	V/Hz	200-240 / 50-60	200-240 / 50-60	220-240 / 50-60	200-240 / 50-60
Weight	kg	60	85	55	80
Dimensions W/D/H	mm	400/400/600	480/460/680	400/400/600	480/460/680

[1*] Values of process: Sintering temperatur = 1500°C; holding time = 30min; 1 x sintering tray [2*] only in conjunction with test-kit

Scope of delivery

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



TABEO-1/S/ZIRKON-100
9250



TABEO-2/S/ZIRKON-120
9260



TABEO-1/M/ZIRKON-120
9270



TABEO-2/M/ZIRKON-120
9280

Sintering tools					
96022	Sintered corundum AL, 4-6mm; 200g	●	●	●	●
96023	Sintering beads YTZ, 2.0mm; 200g	✓	●	✓	●
96024	Sintering beads YTZ, 1.25mm; 280g	●	●	●	●
95023	Sintering granulate YTZ; 200g	●	✓	●	✓
7100001	Sintering tray, 100/30mm	✓	⌚	✓	⌚
95020	Sintering tray, 100/35mm; ventilated	●	⌚	●	⌚
95025	Sintering tray, lid 100/4mm	✓	⌚	✓	⌚
7100002	Sintering tray, 120/30mm	✗	✓	✗	✓
96020	Sintering tray, 120/35mm; ventilated	✗	⌚	✗	●
96025	Sintering tray, lid 120/4mm	✗	✓	✗	✓
7100003	Sintering tray, intermediate ring 120/35mm	✗	●	✗	●
7100005	Sintering tray SPEED, 100/30mm	●	⌚	●	⌚
7100006	Sintering tray SPEED, 120/30mm	✗	●	✗	●
95037	Sintering base plate SPEED, 100/15mm	●	●	●	●
95038	Sintering base plate SPEED, top ring 100/15mm	●	⌚	●	⌚
96037	Sintering base plate SPEED, 120/15mm	✗	●	✗	●
96038	Sintering base plate SPEED, top ring 120/15mm	✗	●	✗	●
95026	Sintering disc, 100/12mm	●	⌚	●	⌚
96026	Sintering disc, 120/12mm	✗	●	✗	●

Accessories					
96088	Crucible tongs, 100-120mm	✓	✗	✓	✗
96030	Diamond whetstone; for sintering discs	✗	✓	✗	✓
96041	Power cord EU, C19; 16A	●	●	●	●
96042	Power cord USA, C19; 16A	✓	✓	✓	✓
7200003	Power cord GB, C19; 13A	●	●	●	●
7200003	Netzanschlusskabel GB; 13A	●	●	●	●

DURABLE.
RELIABLE.
ACCURATE.



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