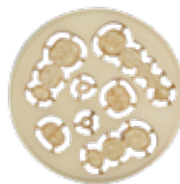




TABEO



Valid from 01.04.2017

TABEO-1/M/ZIRKON-100

TABEO-2/M/ZIRKON-120



The MoSi2 versions are equipped with 4 high-quality molybdenum-disilicide 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 purity 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 capacity	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



The new generation of the model series TABEO / ZIRKON has been designed in close cooperation with dental laboratories and dealers of our worldwide distribution network. 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 stages
- 9 program capacity
- Special functions

- ▼ Thermocouple PtRh-Pt, type S
- ▼ Maximum heating rate 25 °C/min
- ▼ Temperature accuracy at 1500°C +/- 3 °C
- ▼ Timer function



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 purity 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 capacity	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



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

Details ✓ standard ✗ not compatible

Technical information					
Heating-chamber height	mm	42	92	42	92
Max. heating-chamber capacity	number of trays				
		1 x 100/30 mm	3 x 120/30 mm	1 x 100/30 mm	3 x 120/30 mm
Heating system					
Process capability					
Max. temperature					
Heating elements	type				
	number	4	4	4	4
Process times CLASSIC [1*]					
Max. programmable heating rate	°C/min	25	25	25	25
Shortest heating period to 1.500°C at 230V	min	63	58	61	72
Shortest cooling period to 300°C	min	124	143	148	145
Process duration (incl. holding time 30 min)	min(h)	217(3,6)	231(3,9)	239(4)	247(4,1)
Process times SPEED [1*]					
Max. programmable heating rate	°C/min	✗	✗	✗	✗
Shortest heating period to 1.500°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	4	4	4
Program capacity		9	9	9	9
	Number of customizable programs	✗	✗	✗	✗
	Number of free programs	9	9	9	9
Special programs					
Drying		✗	✗	✗	✗
Heating-up ventilated		✗	✗	✗	✗
Service programs					
A-Temperature control [2*]		✓	✓	✓	✓
C-Purge heating chamber		✓	✓	✓	✓
E-Regenerate heating elements		✗	✗	✓	✓
Thermocouple					
PtRh-Pt, type S		✓	✓	✓	✓
Special functions					
Emergency cooling system		✗	✗	✗	✗
RS 232 interface		✓	✓	✓	✓
Door lift		✗	✗	✗	✗
Shielding-gas supply		✗	✗	✗	✗
Timer function		✓	✓	✓	✓
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*] Process values: Sintering temperature = 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



Sintering tools					
96022	ERS Sintered corundum AL, 4-6mm; 200g	●	●	●	●
96023	ERS Sintering beads YTZ, 2.0mm; 200g	✓	●	✓	●
96024	ERS Sintering beads YTZ, 1.25mm; 280g	●	●	●	●
95023	ERS Sintering granulate YTZ; 200g	●	✓	●	✓
7100001	ERS Sintering tray, 100/30mm	✓	✗	✓	✗
95020	ERS Sintering tray, 100/35mm; ventilated	●	✗	●	✗
95025	ERS Sintering tray lid, 100/4mm	✓	✗	✓	✗
7100002	ERS Sintering tray, 120/30mm	✗	✓	✗	✓
96020	ERS Sintering tray, 120/35mm; ventilated	✗	●	✗	●
96025	ERS Sintering tray lid, 120/4mm	✗	✓	✗	✓
7100003	ERS Sintering tray, intermediate ring 120/35mm	✗	●	✗	●
7100005	ERS Sintering tray SPEED, 100/30mm; slotted	●	✗	●	✗
95021	ERS Sintering tray SPEED, 100/30mm (kit)	●	✗	●	✗
7100006	ERS Sintering tray SPEED, 120/30mm; slotted	✗	●	✗	●
96021	ERS Sintering tray SPEED, 120/30mm (kit)	✗	●	✗	●
95037	ERS Sintering base plate SPEED, 100/15mm	●	✗	●	✗
95038	ERS Sintering base plate SPEED, top ring 100/15mm	●	✗	●	✗
96037	ERS Sintering base plate SPEED, 120/15mm	✗	●	✗	●
96038	ERS Sintering base plate SPEED, top ring 120/15mm	✗	●	✗	●
95026	ERS Sintering disc, 100/12mm	●	✗	●	✗
96026	ERS Sintering disc, 120/12mm	✗	●	✗	●

Accessories					
92056	ERS Removal fork T-1	✓	✗	✓	✗
7200001	ERS Removal fork T-2	✗	✓	✗	✓
96030	ERS Diamond whetstone; for sintering discs	●	●	●	●
96041	ERS Power cord EU, C19; 16A	✓	✓	✓	✓
96042	ERS Power cord USA, C19; 16A	●	●	●	●
7200003	ERS Power cord GB, C19; 13A	●	●	●	●

**DURABLE.
RELIABLE.
ACCURATE.**



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