



PORCELAIN · SINTERING · GLAZING

Furnace Solution for every need.

Three furnaces for the laboratory and the clinic from a 200-crown zirconia batch to a chairside glaze.



X P1
PORCELAIN · 1200 °C



X S1
SINTERING · 1650 °C



X MINI
GLAZING · 1100 °C



X P1

Porcelain furnace.

Firing solution for ceramic, Charectarization and glazing.

Five silicon-carbide rods heat the chamber cleanly, so shade and translucency come out of the furnace as they went in. It reaches 1200 °C in twenty minutes and completes a crystallisation cycle in 40–60.

200°C/min

HEATING RATE

1200 °C

MAX TEMPERATURE

20–40

SINGLE CROWNS

200

PROGRAMMES

18 kg

MACHINE WEIGHT

FEATURES

01 50 + 150 programmes

Fifty standard firing programmes preloaded, with room for 150 of your own cycles.

02 Pre-drying cycle

Dries dyed zirconia before firing, so coloured restorations don't crack.

03 Low-noise tray, programmable speed

The lift speed is set per programme, and the tray runs quietly.

04 Colour touch display

Programmes load over USB. The interface runs in English, Spanish and Russian.

X P1

P1



SPECIFICATION

PERFORMANCE

Maximum temperature	1200 °C
Heating rate	200 °C/min
Time to 1200 °C	20 min
Capacity	20–40 single crowns
Pallet size	Ø 90 mm
Heating element	SiC rod × 5

ELECTRICAL

Operating range	110 V / 230 V, 50/60 Hz
Power max	1500 W
Current	14.5 A @110 V · 7 A @230 V

PHYSICAL

Size	240 × 340 × 450 mm
Package	450 × 350 × 710 mm
Weight	Specifications per supplier data; subject to change without notice 18 kg + 4 kg vacuum pump



X S1

Sintering furnace.

Full-batch zirconia sintering at 1650 °C.

It holds three stacked Ø 100 mm trays — up to 200 units in one run. Five silicon-carbide rods keep the heat clean, so shades and translucency come out true. Fast cooling is built in.

200

CROWNS PER BATCH · 3 TRAYS

1650 °C

MAX TEMPERATURE

100 °C/min

HEATING RATE

3 × Ø100

TRAY STACK

2.8 kW

POWER MAX

FEATURES

01 Automatic fast cooling

Cools the chamber faster after the hold, so trays come out sooner.

02 Pre-drying cycle

Dries dyed zirconia before sintering, so coloured restorations don't crack.

03 50 + 150 programmes

Fifty standard sintering programmes preloaded, with room for 150 of your own cycles.

04 Colour touch display

Programmes load over USB. The interface runs in English, Spanish and Russian.

X S1

S1



SPECIFICATION

PERFORMANCE

Maximum temperature	1650 °C
Heating rate	100 °C/min
Crystallisation cycle	40–60 min
Capacity	200 single crowns
Pallet size	Ø 100 mm × 3 layers
Heating element	SiC rod × 5

ELECTRICAL

Operating range	200–240 V, 50/60 Hz
Power max	2800 W
Current	13 A

PHYSICAL

Size	358 × 460 × 699 mm
Package	570 × 450 × 920 mm
Specifications per supplier data; subject to change without notice	
Net / gross weight	55 / 65 kg



X Mini

Porcelain furnace Mini.

A glazing furnace small enough for the chairside.

The Mini glazes and stain-fires chairside. A PID controller holds the chamber within ± 1 °C, and it stores 100 programmes. It weighs 8.5 kg and fits on any counter.

± 1 °C

TEMPERATURE ACCURACY

1100 °C

MAX TEMPERATURE

100

PROGRAMMES

700 W

POWER

8.5 kg

NET WEIGHT

MINI



FEATURES

01 Imported heating wire

Heats evenly and cleanly, and lasts.

02 PID temperature control

An intelligent controller holds the chamber within ± 1 °C.

03 100 stored programmes

Save a programme once and recall it with one tap.

04 Energy-saving insulation

The insulation keeps the chamber temperature stable on only 700 W.

SPECIFICATION

PERFORMANCE

Maximum temperature 1100 °C

Temperature accuracy ± 1 °C

Chamber size 60 × 70 × 60 mm

Programme memory 100

Display HD touch screen

ELECTRICAL

Voltage 220 V, 50/60 Hz

Power 700 W

PHYSICAL

Size (L × W × H) 220 × 170 × 266 mm

Net weight 8.5 kg



SIDE BY SIDE

Which furnace, for which work.



X P1

PORCELAIN



X S1

SINTERING



X Mini

GLAZING

PERFORMANCE

Max temperature	1200 °C	1650 °C	1100 °C
Heating rate	200 °C/min	100 °C/min	—
Capacity	20–40 crowns	200 crowns	60 × 70 × 60 mm chamber
Tray	Ø 90 mm	Ø 100 mm × 3	—
Heating element	SiC rod × 5	SiC rod × 5	Heating wire
Programmes	50 + 150 custom	50 + 150 custom	100

INSTALLATION

Power	1500 W	2800 W	700 W
Voltage	110 V or 230 V	200–240 V	220 V
Size	240 × 340 × 450 mm	358 × 460 × 699 mm	220 × 170 × 266 mm
Weight	18 kg + pump	55 kg	8.5 kg

Choose P1

Layered ceramics and zirconia finishing on a lab bench, in fast cycles.

Choose S1

Full zirconia batches — 200 units per run, 1650 °C.

Choose Mini

Glazing and staining at the chair, next to the mill.



Tested, trusted CAD/CAM for every dental application.

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