

# Modern sintering procedures

Programat<sup>®</sup>  
S2

The next generation of Programat  
sintering furnaces

A close-up photograph of the Ivoclar Programat S2 sintering furnace. The device is white with a green horizontal band. The top has a series of slanted ventilation slots. The Ivoclar logo is printed on the front.

ivoclar

# Your modern expert for high sintering accuracy



## Modern. Ergonomic. User-friendly.

With the objective to meet the requirements of your dental laboratory, Programat S2 is a compact furnace designed for sintering copings, frameworks and full-contour restorations made of IPS e.max ZirCAD or other zirconium oxide materials using a temperature of up to 1600°C. Programat S2 is integrated into the Ivoclar workflow, providing optimally coordinated processing steps and consistently high-quality results.

### Modern design and intuitive operation

- ✓ Optimized cooling tray for more space and better cooling
- ✓ New membrane-sealed keypad with proven colour touchscreen display
- ✓ Extension of OSD display to include the operating status "cooling"
- ✓ Efficient and reliable performance due to software optimizations



# Faster and more efficient

Programat S2 sinters restorations in significantly less time than conventional sintering furnaces.

Up to  
**40 %**  
more space on  
the Dosto Tray  
sintering table

Until recently, these processes would usually have taken five to eight hours to complete. Now, Programat S2 reduces the time required for sintering an IPS e.max ZirCAD crown coping to about 75 minutes<sup>[1]</sup>. With the Programat Dosto tray, approx. 40 single crowns can now be sintered at the same time in a single firing process, instead of only 25 as before.

## Your advantages at a glance:

- ✓ Short sintering times of just 75 minutes<sup>[1]</sup> for IPS e.max® ZirCAD copings
- ✓ Speed programs for full-contour IPS e.max ZirCAD restorations
- ✓ Compact, easy-to-maintain and lightweight device (29 kg)

[1] valid for IPS e.max ZirCAD MO copings



# The right material for your furnace

Zirconium oxide has been successfully used to produce all-ceramic restorations for years.

The sintering programs of the Programat S2 are optimally coordinated with our zirconium oxide materials to ensure they achieve the required material strength and accuracy of fit.



## Further highlights

- Calibration option

Calibrate your Programat S2 furnace easily and quickly using the step-by-step instructions.
- Many programming options

With a choice of three heating stages and two cooling stages, the sintering program offers a host of programming options for zirconium oxide materials.
- Sintering temperature up to 1600 °C

The homogeneous heat distribution of the heating elements allow you to achieve optimum sintering results with temperatures up to 1600 °C.

Warranty	
Warranty period <sup>[2]</sup>	3 years
Technical data	
Power supply	118–240 V / 50–60 Hz Overvoltage category II Tolerated voltage fluctuations ±10 %
Max. power consumption	16 A at 118 V / 8 A at 240 V
Dimensions of the closed furnace	Depth: 490mm Width: 303mm / 380mm (including cooling tray) Height: 570 mm
Max. sintering temperature	1600 °C
Weight	Furnace base: 13 kg / Furnace head: 16 kg
Safety information	
Radio protection / Electro-magnetic compatibility	EMC tested
Delivery form	
	1 Basic unit 1 Sintering tray / 1 Programat Dosto tray / 1 Sintering tray tongs 1 Temperature Checking Set Starter Kit 1 Power cord

[2] Wear parts and consumables excluded



