ivoclar

Speed up your practice

Programat®
CS6

Open-system combination furnace for fast crystallizing, sintering and glazing



Making People Smile

Designed for your practice



State-of-the-art technology in a compact design:
The Programat CS6 is the ideal solution for dental practices that focus on enhancing efficiency and saving space. With its smart, compact design, the furnace seamlessly adapts to your practice's needs without taking up valuable space.

The Programat CS6 combines sintering, crystallizing and glazing in a single device and minimizes process times with its integrated technology. This means you can focus more on your patients while your chairside restorations are completed quickly and reliably.

New opening mechanism	Accelerated predrying process through a new and innovative opening mechanism, enabling even greater time savings
Specially developed vacuum tech-nology[1]	Optimized sintering, crystallizing and glazing process, while simultaneously enhancing the esthetics of the restorations
Temperature calibration	Full temperature control and reliable results – calibration can be easily performed on site
Colour touch-screen	Intuitive and fast operation, making the furnace ideal for use in dental practices
LED status display	Clear indication of the current operating status with the Optical Status Display (OSD)

[1] External vacuum pump required.

Efficiency to the power of two

Two materials. Two technologies. One solution.

Speed-sintering and speed-crystallizing IPS e.max® restorations
The optimized firing chamber of the Programat CS6 reduces the firing duration, while ensuring outstanding esthetic results. Both IPS e.max ZirCAD Prime and IPS e.max CAD restorations can be speed-sintered or speed-crystallized in just a few minutes – faster than ever before.

Our combination furnace is a true all-rounder featuring integrated vacuum technology[3] that maximizes the esthetic and mechanical properties of both ceramic materials. Additionally, the furnace ensures a reliable glazing process.



IPS e.max® ZirCAD Prime
Speed-sintering in 15:00 minutes[2]

- ✓ Zirconium oxide ceramic (ZrO_2)
- ✓ High-strength material for high stability at reduced wall thicknesses of 0.8 mm
- ✓ Esthetic results despite reduced program durations
- ✓ Conventional cementation with ZirCAD® Cement

11:10 minutes **speed-crystallizing**

15:00 minutes **speed-sintering**



IPS e.max® CAD
Speed-crystallizing in 11:10 minutes[4]

- ✓ Lithium disilicate glass-ceramic (LS_2)
- ✓ For highest esthetic demands
- ✓ Greatest variety of restorations (crowns, inlays, onlays, veneers, bridges, hybrid abutments)
- ✓ Survival rate of 97.2% over a 10-year period[5]
- ✓ Adhesive cementation with Variolink® Esthetic

[2] Programat CS6, superspeed-sintering in 15 minutes, without predrying, three crowns. R&D Ivoclar, Schaan.
[3] External vacuum pump required.
[4] Programat CS6, superspeed-crystallization, 11:10 minutes, IPS e.max CAD HT, MT, LT, IPS e.max CAD Crystall./Glaze Spray or polishing technique (self glaze), maximum two restorations. R&D Ivoclar, Schaan.
[5] The survival rate of monolithic IPS e.max CAD posterior crowns was evaluated using the Kaplan-Meier method. The failure rate refers to technical failures such as fractures and chipping. R&D Ivoclar, Schaan.

Open system

In addition to the pre-installed programs for Ivoclar materials, programs for third-party materials can also be easily set up. No matter which material you choose, the Programat CS6 helps you achieve your goal quickly.

The specially developed vacuum technology accelerates the sintering process and optimizes crystallization and glazing. Our VP3 easy and VP5 vacuum pumps are the ideal addition to the Programat CS6.

Technical data

Power supply	110–240 V~ / 50/60 Hz
Overvoltage category	II
Acceptable voltage fluctuations	± 10%
Max. power consumption	1650 W
Max. current consumption (informative)	16 A at 110–130 V~ / 9 A at 200–240 V~
Acceptable data for pumps of other manufacturers / max. output, final vacuum	250 W / max. output 0.75 mA / < 50 mbar
Dimensions of the closed furnace	Depth: 494 mm Width: 280 mm / 415 mm (without / with cooling tray) Height: 450 mm / 573 mm (closed / open)
Usable size of the firing chamber	Diameter: 55 mm Height: 40 mm
Max. firing temperature	1,560 °C (2,840 °F)
Weight	28.5 kg
Radio protection / electromagnetic compatibility	EMC tested



Efficiency in the practice. Confidence in the results.



Isolate

Relaxed and efficient treatments with OptraGate® 2



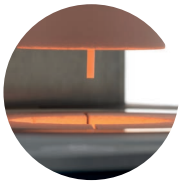
Select

IPS e.max® materials for all-ceramic chairside restorations with impressive results



Produce

Optimally coordinated fabrication processes with the authorized milling systems of our longstanding cooperation partners



Fire

Speed-sintering, speed-crystallizing and glazing with the Programat® CS6



Finish

Efficient high-gloss polishing with OptraGloss® Extra Oral



Place

Reliable adhesive cementation with Variolink® Esthetic or easy conventional cementation with ZirCAD® Cement



Protect

Protect restorations with the unique combination of active ingredients of Cervitec® Gel

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