

# Programat<sup>®</sup> CS2

The glazing and crystallization furnace



Fast and  
easy for flawless  
IPS e.max<sup>®</sup> CAD restorations

# The furnace that opens up a whole new world. For dental practices.



## **Innovative**

The new Programat® CS2 has been developed especially for processing IPS e.max® CAD. The furnace renders crystallization and glaze firing in the dental office extremely easy and fast.

Designed for simple and intuitive operation, Programat CS2 offers pre-set Ivoclar Vivadent programs and a controlled cooling process.

## **EVEN MORE**



- Large time-remaining display
- Backup power time of up to 10 seconds in the event of a mains failure
- QTK2 muffle technology with SiC bottom reflector
- Selectable signal tones of the loudspeakers
- Cooling tray accommodating two firing trays



# Glaze and crystallization firing. At the push of a button.



## **Ease of operation**

Programat CS2 can be conveniently operated by means of the wide touchscreen colour display. The most important functions, however, are selected via the time-tested membrane-sealed keypad.

## **OSD display**

The optical operating status display (OSD) of the Programat CS2 uses different colours to inform the user about the actual operating status of the furnace (Red = Heating, Green = Ready).

Programat CS2 comes with a range of programs ideally adjusted to IPS e.max CAD materials. Moreover, the furnace is equipped with a controlled cooling phase for the crystallization process.

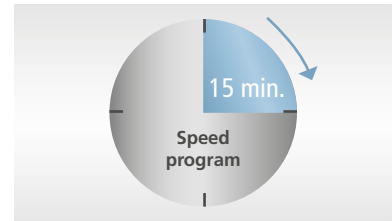


The time-remaining indicator shows the time left in the running process.

## Further highlights

### **Speed program for IPS e.max CAD**

With this program, IPS e.max CAD can be crystallized even faster. This makes the furnace even more cost-effective.



### **Multi-functional furnace with 20 individual programs**

In addition to the pre-set Ivoclar Vivadent programs, Programat CS2 offers 20 individual programs. They are ideally suited for glaze and corrective firing procedures, and for firing procedures involving veneering ceramics.



### **Firing tongs and integrated tong holder**

The firing tongs allow objects to be easily placed in and removed from the firing chamber. When not in use, they conveniently store away in the holder.



### **Reduced-noise vacuum technology**

Due to the new double-valve vacuum technology, the noise level of the vacuum pump is reduced to a minimum. Once the desired vacuum level has been reached, the pump of Programat CS2 automatically shuts down and maintains the vacuum.



### **LAN and USB ports**

The LAN and USB interfaces permit connection of the furnace to other equipment, e.g. printers, USB flash drives and external hard drives. Software updates can also be performed using a USB flash drive.



### **ATK2 temperature calibration**

The automatic double-range temperature calibration set (ATK2) enables fully automatic temperature calibration in two temperature ranges. This ensures high firing precision and outstanding firing results.



### **Remote diagnostics through the Internet via e-mail**

A diagnostic file can be generated at the push of a button if technical support is needed. The file can be conveniently e-mailed to one of the service centres, which will attend to the issue immediately.



# Programat®

A STORY OF SUCCESS

Economical  
Efficient  
Future-oriented



## Stand-by key saves power

Efficient use of energy and responsible use of valuable resources: Ivoclar Vivadent is committed to this goal. Therefore, the Programat CS2 is equipped with the new Power Saving Technology. In the stand-by mode, the energy consumption of the furnace drops by almost 40 percent. As a result, you save on electricity costs and help to protect our environment at the same time. Look out for the Power Saving Technology label on the back of your device.

## Saving electricity is easy

**Simply press the Power Saving key:** If the furnace is not being used, briefly press the Power Saving key to activate the power-saving mode.

## Technical Data

<b>Power supply</b>	100 V, 50 – 60 Hz 110 – 120 V, 50 – 60 Hz 200 – 240 V, 50 – 60 Hz admissible voltage fluctuations $\pm 10\%$
<b>Max. power consumption</b>	14 A at 100 V 12 A at 110 – 120 V 8.5 A at 200 – 240 V
<b>Vacuum pump data</b>	Max. power consumption: 250 W / max. leakage current 0.75 mA Final vacuum: < 50 mbar Only tested pumps should be used
<b>Dimensions of closed furnace</b>	Depth: 465 mm Width: 320 mm / 390 mm (with cooling tray) Height: 320 mm
<b>Dimensions of firing chamber</b>	Diameter: 90 mm Height: 80 mm
<b>Max. firing temperature</b>	1200 °C
<b>Weight</b>	Base: 15.6 kg

## Delivery Form

### Programat CS2

Power cord  
Vacuum hose  
Programat firing tray kit  
Automatic Temperature Checking Set ATK2 (test sample)  
USB download cable  
Programat USB flash drive

## Recommended Accessories

(not contained in the delivery form)

Programat Accessories Set  
Automatic Temperature Checking Set 2 (ATK2)  
VP3 easy or VP5 Vacuum Pump



VP3 easy



VP5





## Fixed Prosthetics

Programat® forms a part of the “Fixed Prosthetics” product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



### THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

#### IPS e.max® System

all ceramic – all you need



The comprehensive solution covering all indications

- Highly esthetic, high-strength materials for the press and CAD/CAM technique
- Unique lithium disilicate (LS<sub>2</sub>) and zirconium oxide (ZrO<sub>2</sub>) ceramics for restorations ranging from thin veneers to multi-unit bridges
- Flexibility of cementation: adhesive, self-adhesive and conventional

#### Variolink® Esthetic

The esthetic luting composite



The luting composite for exceptional esthetics and user-friendly processing

- Balanced and concise Effect shade system
- Excellent shade stability due to amine-free composition
- Easy, controlled excess removal

Would you like to know more about the products of the “Fixed Prosthetics” category? Simply get in touch with your contact person at Ivoclar Vivadent or visit [www.ivoclarvivadent.com](http://www.ivoclarvivadent.com) for more information.

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