Programat®
the brand you trust

Over 8,000 Programat CS customers in North America experience the quality, durability, and unmatched customer support by our Territory Managers and Service Department. Our goal is to provide you with the tools and knowledge to create high-quality all-ceramic restorations for your patients day after day.

Programat® CS2
Glazing and crystallization furnace

Stand-by key saves power
All features of energy and operation are used of available resources: your furnace is committed to the goal. Therefore, the Programat CS2 is equipped with the new Power Saving Technology. In the stand-by mode, automatically closing all furnace doors leads to the lowest power consumption. As a result, you save electricity, operate more economically and protect the environment.

Saving electricity is easy
Simply press the Power Saving key. If the furnace is not being used, briefly press the Power Saving key to adapt the power levels. In the stand-by mode, the energy consumption of the furnace drops by almost 40 percent.

Technical Data

<table>
<thead>
<tr>
<th>Power supply</th>
<th>100 V, 50 – 60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>110 – 120 V, 50 – 60 Hz</td>
</tr>
<tr>
<td>Max. power consumption</td>
<td>14 A at 100 V</td>
</tr>
<tr>
<td></td>
<td>12 A at 110 – 120 V</td>
</tr>
<tr>
<td>Max. power consumption: 250 W / max. leakage current 0.75 mA</td>
<td></td>
</tr>
<tr>
<td>Final vacuum: &lt; 50 mbar</td>
<td></td>
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<tr>
<td>Only tested pumps should be used</td>
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</tbody>
</table>

Dimensions of closed furnace
- Depth: 455 mm
- Width: 315 mm / 390 mm (with cooling tray)
- Height: 315 mm

Dimensions of firing chamber
- Diameter: 90 mm
- Height: 48 mm

Max. firing temperature
- 1200 °C

Weight
- Base: 15.4 kg

Delivery Form
- Programat CS2
- Vacuum pump
- Power cord vacuum hose
- Programat cooling tray
- Programat SiC firing plate
- Programat firing tray kit 2
- Automatic Temperature Checking Set ATK2 (test sample)
- Spare fuses
- USB cable Programat
- USB disk drive
- Programat screen cleaning cloth
- Programat firing tongs and holder

Recommended Accessories:
(not contained in the delivery form)
- Automatic Temperature Checking Set 2 (ATK2)

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. It is the stand-by mode automatically closes all furnace doors to adapt the power levels. As a result, you save electricity, operate more economically and protect the environment.

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For more information call us at 800-533-6825 in the U.S., 800-263-8182 in Canada.

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As the leaders in all-ceramic materials IPS e.max® and IPS Empress®*, Ivoclar Vivadent has designed the Programat® CS2 to optimize the strength, durability, and esthetics of your restorations.

Ivoclar Vivadent offers you high quality, esthetic, and clinically proven materials in millable block form. The Programat CS2 affords you the ability to create beautiful, all-ceramic restorations in one visit.

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Optimize Your All Ceramic Restorations

The Programat CS design provides a superior fit in a dental office and offers high quality all-ceramic firing in a compact, quiet, efficient design.

Features for the Dental Professional include:

- Maximum Strength
  - Utilizing the recommended pre-set programs in the Programat CS2 maximizes the strength of your all-ceramic restoration to ensure long-term clinical success.
  - IPS Empress CAD increases strength more than 50% when glaze fired to over 200 MPa of flexural strength.
  - IPS e.max CAD achieves approximately 360 MPa of flexural strength allowing you to either adhesively bond or cement your IPS e.max CAD restoration.

- Three-Point Flexural Strength Test

- Beautiful Esthetics
  - All-ceramic materials offer the best combination of strength, durability, clinical success and esthetics, as well as a broad range of indications including full and partial coverage crowns, veneers, and bridges. All materials and indications are optimized with custom programs in the Programat CS2. Unique restorations can be through customized through personalized customization and custom programs within the Programat CS2.

- Designed for the Dental Office
  - Small Design
    - Designed to fit in a modern dental practice.
  - Quiet
    - Reduced Noise Technology reduces noise in your office.
  - Pre-Set Programs
    - Prewritten programs for Ivoclar Vivadent materials including Speed Crystallization of IPS e.max CAD in under 15 minutes.
  - Simple
    - As easy as 1-2-3 to select and process your all-ceramic restorations.
  - Touch Screen Display
    - Optical Status Display (OSD) that includes a time remaining indicator.
  - Remote Diagnostics
    - Diagnostics can be performed with the touch of a button and emailed to our service center for immediate attention.