Programat® CS
A STORY OF SUCCESS

NEW with IPS e.max CAD Speed program

The chairside ceramic firing and crystallization furnace ideal for the dentist.
The Programat CS is a new ceramic furnace with a vacuum option. It allows you to crystallize and glaze IPS e.max CAD restorations in your dental office using an extremely simple procedure. The Programat CS offers 20 programs, it is easy to operate and features a controlled cooling process.

THE HIGHLIGHTS

**NEW:** Speed program for IPS e.max CAD
Enables faster crystallization of the material

**Multi-functional unit**
Unit for several applications including glaze firing and crystallization achieving cost-effectiveness

**Easy operation**
Easy-to-read display with clear symbols indicating program and values, eliminates language barriers

**Compact size**
The unit occupies very little space

**Sixteen individually created programs**
Expandable programs – there are sufficient program spaces for new ceramic materials

**Temperature calibration using ATK 2**
Convenient, reliable and fully automatic double-range calibration

**Power Fail Safe**
Short power cuts will not interrupt the program

**Electronic Vacuum Control System (EVCS)**
In case of a vacuum defect, the firing process is interrupted after starting the program

**TÜV/UL registration**
High safety standards for the benefit of the end-user

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**Technical Data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Power supply</td>
<td>110–120 V / 50–60Hz, 200–240 V / 50–60Hz</td>
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<tr>
<td>Admissible voltage fluctuations</td>
<td>+/- 10%</td>
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<tr>
<td>Max power consumption</td>
<td>12 A at 110–120 V, 8.5 A at 200–240 V</td>
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<tr>
<td>Admissible data for vacuum pumps from other manufacturers</td>
<td>250 W / max leakage current 0.75 mA</td>
</tr>
<tr>
<td>Final vacuum</td>
<td>&lt; 50 mbar</td>
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<tr>
<td>Dimensions of electrical fuses</td>
<td>110–120 V: Diameter 6.3 x 32 mm, 200–240 V: Diameter 5 x 20 mm</td>
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<tr>
<td>Dimensions of the closed furnace</td>
<td>Depth: 368 mm / Width: 303 mm / 398 mm (with cooling tray) Height: 320 mm</td>
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<tr>
<td>Internal dimensions of firing chamber</td>
<td>Diameter 80 mm, Height 48 mm</td>
</tr>
<tr>
<td>Max firing temperature</td>
<td>1,200 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>Base: 12.3 kg, Head: 4.5 kg</td>
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**Delivery Form**
Programat CS, vacuum hose, temperature calibration test pack, Programat firing tray kit, Programat firing tongs, electrical cord, Instructions for Use

**Colour**
White (RAL 9016)

**Recommended Accessories**
Programat accessory set, Automatic Temperature Checking Set 2 (ATK 2), vacuum pump VP3 easy