

Programat®

A STORY OF SUCCESS

P300<sub>G2</sub>



The new generation – For people  
who like all things practical

## State-of-the-art features



### New membrane-sealed keypad with graphics display

The newly designed membrane-sealed keypad makes the furnace even easier and more comfortable to operate.



without TSP



with TSP

### High process safety due to Thermo Shock Protection (TSP)

The TSP function prevents thermal shock of the ceramic if the furnace head is closed while it is too hot.



### New program structure with large program selection

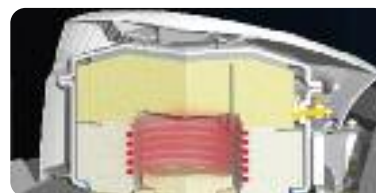
Operation of the furnace is even easier and more time-saving due to the new program structure. In addition to numerous Ivoclar Vivadent programs, users may choose from 300 individual programs.



### USB interface for software updates

The furnace can be connected to a PC/laptop by means of the USB interface. Software updates can therefore be executed at any time, thus making sure that your furnace is always equipped with the latest software version.

## Tried-and-tested technology



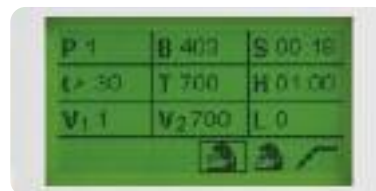
### Homogeneous heat irradiation due to powerful QTK muffle technology

The QTK muffle technology ensures an even and homogeneous heat distribution in the firing chamber and allows optimum results to be achieved.



### Removable furnace head

Easy transportation and high maintenance friendliness due to removable furnace head.



### Pre-drying programs

These programs offer new possibilities for pre-drying with the furnace head open.



### Power Fail Save System

This system bridges short-time power outages without the program being aborted.



## Additional features:

- Compact, ergonomic design
- Large cooling tray
- Proven furnace head swivel mechanism
- Powerful heating (up to 140 °C t/min) that saves time
- Cost-effective operation due to long service life of the muffle
- Fast re-start due to quick cooling of the furnace head
- Remote control by PC using the PrograBase 2 software
- Various diagnostic programs to check function
- Dehumidification program for the heating muffle
- Electronic Vacuum Control System (EVCS)
- Temperature calibration using silver test sample and special program

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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 P300 is equipped with the new Power Saving Technology. In the stand-by mode, the power 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.

## A coordinated system

Programat P300 offers a wide array of Ivoclar Vivadent programs which are coordinated with the ceramic materials from Ivoclar Vivadent. Because all the components are available from one manufacturer, optimum firing results can be achieved.



IPS InLine®



IPS Express®



IPS e.max®



IPS d.SIGN®



Ivoclar Vivadent alloys



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## Technical Data

Power supply	110 – 120 V, 50 – 60 Hz 200 – 240 V, 50 – 60 Hz Acceptable voltage fluctuations: ±10%
Max. power consumption	12 A at 110 – 120 V 8.5 A at 200 – 240 V
Vacuum pump data	Max. power consumption: 2.1 A Final vacuum: < 50 mbar Only tested pumps should be used.
Display	Liquid crystal graphics display with background lighting
Dimensions of electrical fuses	110 – 120 V: Diameter 6.3 x 32 mm 200 – 240 V: Diameter 5 x 20 mm
Dimensions of the closed furnace	Depth: 430 mm Width: 305 mm / 410 mm (with cooling tray) Height: 320 mm
Internal dimensions of firing chamber	Diameter: 80 mm Height: 48 mm
Max. firing temperature	1200 °C
Weight	Furnace base: 12.0 kg Furnace head: 4.5 kg
Safety information	The furnace is built according to the following standards: – IEC 1010-1 and EN 61010 – UL and cUL standards
Radio protection / Electromagnetic compatibility	EMC tested



VP3 easy



VP4



## Delivery Form

- 1 Programat P300/G2
- 1 Electrical cord
- 1 Vacuum hose
- 1 Cooling tray "S"
- 1 Programat firing tray kit
- 1 Temperature calibration Set
- 1 USB download cable
- 1 PrograBase 2 software
- 1 Equipment Service Passport
- 1 Set of Operating Instructions

### Recommended accessories:

- (not part of the delivery form)
- Vacuum Pump VP3 easy or VP4
- Firing tongs
- Temperature Checking Set 2

### Colour:

White (RAL 9016)

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This product forms part of our "All-Ceramics" and "Implant Esthetics" competence areas. All the products of these areas are optimally coordinated with each other.

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