

Programat® P310

With its compact design, the Programat® P310 focuses on the essentials and is therefore the optimal ceramic furnace for the daily lab routine. Thanks to the colour touch screen display and the proven membrane-sealed keypad, this furnace has become even simpler to operate than its predecessor model P300.

The furnace is equipped with numerous Ivoclar Vivadent programs, which are coordinated with materials such as IPS e.max®, IPS Style®, IPS d.SIGN®, IPS InLine® and IPS Empress® system, to ensure immediate use of the furnace without programming. Furthermore, 300 individual program settings are available. Depending on the scope of the application, the user can select between different operating modes (normal, protected and production).

Furthermore, the Programat P310 is equipped with the QTK2 muffle technology, which is responsible for the homogeneous heat distribution in the firing chamber, leading to optimum firing results and a prolonged life cycle of the heating element. Finally, the new vacuum pump control system with double valve technology ensures noiseless and power-saving operation of the Programat P310.

Technical Data:

- Voltage: 110–120 V / 50–60 Hz
200–240 V / 50–60 Hz
- Dimensions (closed): Depth: 465 mm
Width: 320/390 mm (with cooling tray)
Height: 320 mm
- Firing chamber: Diameter: 90 mm, height: 80 mm
- Max. firing temperature: 1200°C

Colour: white



Advantages:

- Colour touch screen display and proven membrane-sealed keypad
- Easy operation thanks to large icons
- QTK2 muffle technology with SiC bottom reflector
- Power-saving technology
- Optical Status Display (OSD)
- Modern, ergonomic and compact design
- Software updates via USB flash drive
- USB and Ethernet interface
- Remote diagnostics via Internet, e-mail and data log files
- TSP function (Thermo Shock Protection)
- Selection of three different operating modes (normal, protected, production)
- Large cooling tray
- Vacuum parameter wizard
- Integrated tong holder
- 300 individual firing programs
- Double valve vacuum technology
- Demountable furnace head
- Power Fail Save System

Delivery forms

Programat® P310 (white)	200–240 V/50–60 Hz*	645987
Programat P310		
Power cord		
Vacuum hose		
Cooling tray		
SiC firing table		
Firing Tray Kit 2		
Temperature Checking Set		
Extra fuses		
USB download cable		
Ethernet cable		
Programat USB flash drive		
Various accessories		

* other voltage versions available