Programat® P510

The Programat® P510 combines high-tech and modern design in a very efficient and user-friendly furnace. The intelligent Programat Infrared Technology speeds up the firing process by 20 per cent and enhances the quality of the firing results – irrespective of the size or the number of restorations in the firing chamber. The new thermal imaging camera automatically controls the predrying and closing process.

The Programat P510 is operated by means of the large 7-inch colour touch screen display and the proven membrane-sealed keypad. Furthermore, multimedia files (pictures, videos, files in MP3 format) can be transferred directly via the integrated SD card reader or USB flash drive and viewed on the high-resolution display.

With the help of the patented Digital Shade Assistant (DSA) the selection of the tooth shade can be achieved instantly. The software compares the tooth to be analyzed with three pre-selected shade guide teeth in one image. A special image processing software recognizes the tooth to be analyzed and the three shade guide teeth. The best matching tooth shade will be displayed as a result on the furnace screen.

The QTK2 muffle technology represents a further innovation of the Programat P510. It is responsible for ensuring homogeneous heat distribution 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.

In addition to the many Ivoclar Vivadent programs, which are coordinated with materials such as IPS e.max®, IPS d.SIGN®, IPS InLine® and IPS Empress® system, the furnace features 500 individual programs.

Technical Data:
– Voltage: 110–120 V / 50–60 Hz
200–240 V / 50–60 Hz
– Dimensions (closed): Depth: 495 mm
Width: 320/395 mm (with cooling tray)
Height: 320 mm
– Firing chamber: Diameter: 90 mm, height: 80 mm
– Max. firing temperature: 1200°C

Colour: white

Advantages:
– Integrated infrared thermal imaging camera ensures an optimum predrying process
– Large colour touch screen display and proven membrane-sealed keypad
– QTK2 muffle technology with SiC bottom reflector
– Easy operation thanks to large icons
– Automatic double-range temperature calibration (ATK2)
– Remote diagnostics via Internet, e-mail and data log files
– Optical status and progress display (OSD)
– Modern and ergonomic design
– Power-saving technology
– Software update via USB flash drive
– Modern interfaces (USB, Ethernet interface, SD card reader)
– Programat WLAN Kit for wireless data transfer (software updates, PrograBase X10)
– Selection of three different operating modes (normal, protected, production)
– Large cooling tray
– Vacuum parameter wizard
– Integrated tong holder
– 500 individual firing programs
– Double valve vacuum technology
– Removable furnace head
– Power Fail Save System
– Multimedia functions (video player, MP3 player, photo viewer)
– Integrated timer

Delivery forms

Programat® P510 (white)	200–240 V/50–60 Hz*	645988

Programat P510
Power cord
Vacuum hose
Cooling tray
SiC firing table
Firing Tray Kit 2
Automatic Temperature Checking Set ATK2 (test set)
Extra fuses
USB download cable
Programat USB flash drive
Programat WLAN Kit
DSA Holder Kit
Various accessories

* other voltage versions available