

Programat® P710

Programat® P710 is the premium furnace of the Programat family and distinguishes itself with its innovative technology and exclusive design. The use of intelligent infrared technology significantly heightens the process reliability. The result is a superior quality of the fired objects independent of the size and number of the restorations placed in the firing chamber. A thermographic camera calculates the most suitable pre-drying and closing parameters for each firing cycle. Depending on the type of restoration, the firing process can be completed up to 20 per cent quicker.

The unit features the new IRT2 function. This function enables contact-free measurement of the temperature on the surface of the restoration while the furnace opens after the firing cycle and indicates the best time for removing the fired restoration from the furnace. With the help of the patented Digital Shade Assistant (DSA) the selection of the tooth shade can be achieved in a snap. Special image processing software compares the tooth to be analyzed with three pre-selected shade guide teeth in a picture and selects the best matching one.

Another highlight is the built-in Bluetooth hands-free phone system, which connects the user's mobile phone (Bluetooth enabled) with the furnace. The personal contact list is automatically displayed on the furnace screen.

The integrated Bluetooth hands-free system enables phone calls during which the operator's hands stay free.

The Programat P710 is easy to operate by means of the 7-inch large colour touch screen display and the proven membrane-sealed keypad.

Multimedia data (PDF, images, video and MP3 files) can easily be transferred to the furnace via SD card reader or USB flash drive. In addition to the numerous Ivoclar Vivadent materials such as IPS e.max®, IPS d.SIGN®, IPS InLine® and IPS Empress®, which are optimally coordinated with this system, 700 individual programs are available.

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:

Standard colour: white



Advantages:

- Integrated infrared thermal camera for optimal pre-drying processes
- Furnace with built-in DSA function for the digital analysis of the tooth shade
- Integrated Bluetooth hands-free system
- Three-step heating and two-step cooling programs
- PDF viewer
- Gloss adjustment assistant
- Acoustic voice output in 25 languages
- Large colour touch screen display incl. the proven membrane-sealed keypad
- Multimedia functions (PDF, images, video and MP3 player)
- QTK2 muffle technology with SiC bottom reflector
- Automatic double-range temperature calibration (ATK2)
- Remote diagnosis via internet (e-mail and data log files)
- OSD operating and progress display
- Power Saving Technology
- Software update via USB flash drive
- Modern interfaces (USB flash drive, ethernet interface, SC card reader)
- Programat WLAN kit for wireless data exchange (software updates, PrograBase X10)
- Three different operating modes available (normal, protected, production)
- Large firing tray
- Vacuum parameter wizard
- Integrated tong holder
- 700 individual programs
- Double-valve vacuum technology
- Removable furnace head
- Power Fail Save system
- Integrated timer

Delivery forms

Programat® P710 (white)	200–240 V/50–60 Hz*	645989
Programat P710		
Power cord		
Vacuum hose		
Programat Firing Tray Kit 2		
Automatic Temperature Checking Set ATK2 (test set)		
USB download cable		
Ethernet cable		
Programat USB flash drive		
Programat WLAN Kit		
Programat Bluetooth Kit		
DSA Holder Kit		
Extra fuses		
A–D Shade Guide		
Various accessories		

* other voltage versions available

