

Programat® EP 3010

The Programat® EP 3010 is a compact combination furnace of the latest generation of the Programat series and may be used as both a press and a ceramic furnace. It is characterized by cost effectiveness and high-quality press and firing results. In addition, the Programat EP 3010 is optimally coordinated with Ivoclar Vivadent press ceramic materials such as IPS e.max Press.

In comparison to its predecessor model EP 3000, the operation of the Programat EP 3010 has become even simpler due to the new colour touch display, the modern icons, the intuitive menu-based navigation and the proven membrane-sealed keypad. The new QTK2 heating muffle in combination with the SiC bottom reflector ensures homogeneous heat distribution in the firing chamber. As a result, the investment ring is preheated more evenly and reliably. Furthermore, these features enable the user to press difficult-to-press objects, e.g. with very thin marginal areas, and to achieve even higher quality results.

The electronic press drive with force sensor ensures the precise control of the press plunger in the micrometre range. The integrated Crack Detection System (CDS) immediately interrupts the press process if a crack in the investment ring occurs. Therefore, restorations are optimally protected.

Due to the new patented and Fully automatic Press Function (FPF), pressing is now even easier and more economical. All you need to do is put the investment ring into the furnace and press the start button - everything else is performed by the furnace itself. It chooses the press program, automatically heats the press chamber to the appropriate temperature and presses the fluid ceramic into the investment ring at the right time. Even post-pressing and cooling are controlled fully automatically – simply by touching a button.

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: 550 mm
- Firing chamber: Diameter: 90 mm, height: 80 mm
- Max. firing temperature: 1200°C

Colour: white

Advantages:

- Programs are optimally coordinated with Ivoclar Vivadent materials
- QTK2 muffle technology with SiC bottom reflector for homogeneous heat distribution
- Colour touch screen display and proven membrane-sealed keypad for easy operation
- Electronic press drive with force sensor produces high-quality press results. No compressed air connection required
- Crack Detection System detects cracks in the investment ring
- Easy and automatic temperature calibration at two reference points (ATK2)
- Simple software update via USB flash drive
- Remote diagnosis function via data file for optimum support by a service centre
- Broad range of programs: 300 individual firing and 20 individual press programs
- Power Saving Technology for power-saving operation

Delivery forms

Programat® EP 3010 (white)	200–240 V/50–60 Hz*	645990
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Programat EP 3010
Power cord
Vacuum hose
Cooling tray
SiC firing plate
Firing Tray Kit 2
Automatic Temperature Checking Set ATK2 (test set)
Extra fuses
USB download cable
Ethernet cable
Programat USB flash drive
Display cleaning cloth
Tong holder
Investment ring cooling grid
Various accessories

* other voltage versions available

