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Programat® EP 3010

The user-friendly press and ceramic furnace



Achieving high-quality press results is now even easier.

NEW FEATURE:
Fully automatic press function

FPF
IPS e.max® Press

ivoclar vivadent®
passion vision innovation

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The ideal press furnace for IPS e.max® Press



Proven

The press furnaces from Ivoclar Vivadent are based on long-standing success. The company introduced the press technology to the dental market in 1991. Since then it has established itself as the market leader in this field, continuously satisfying customers with products of the highest quality.

System components as a key to success

The resounding success of the Programat press furnaces is based on the fact that the furnace technology is perfectly matched to the IPS e.max® and IPS Empress® materials. Therefore, users can fully rely on their furnaces and benefit from excellent press and firing results.



EVEN MORE

- Optical Status Display (OSD)
- Power Fail Save System bridges power interruptions
- 300 individual firing programs and 20 individual press programs
- Large cooling tray with separate cooling grid
- Integrated firing tong holder
- Removable furnace head for easy transportation and maintenance

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Further highlights

Ease of operation

The Programat® EP 3010 is characterized by its exceptional user-friendliness. The desired program can be quickly selected on the high-resolution, colour touch screen or on the proven membrane-sealed keypad. The clearly structured menu contains modern icons, which direct the user to the desired program or setting with only one click.



Electronic press drive with force sensor

The electronic press drive with force sensor records and controls the pressure of the press plunger very precisely and therefore ensures top-quality press results. A compressed air connection is not required.



Crack Detection System (CDS)

The Programat EP 3010 features the Crack Detection System (CDS). This system identifies cracks in the investment ring at an early stage and reduces the pressure, if necessary. As a result, the press process ends in time to protect the restorations.



Automatic double-range temperature calibration (ATK2)

The ATK2 temperature checking system calibrates the temperature in the furnace fully automatically and in two different temperature ranges. This ensures high-precision press and firing procedures and reproducible press and firing results with various types of materials (low- and high-fusing ceramics).



Software update via USB flash drive

It has never been easier to download software updates: Simply plug in a USB flash drive containing the latest software version and press the "Software Update" button. The software is updated automatically.



Convenient loading of the furnace chamber

Upon opening, the furnace head pivots upwards and thus provides ample working space. As a result, the furnace chamber can be loaded easily and comfortably.



Remote diagnostics via Internet and e-mail

For technical support purposes, a diagnostic data file can be generated at the push of a button and conveniently sent to one of the Ivoclar Vivadent Service Centers by e-mail. There, the matter will be attended to immediately.



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EVEN BETTER

- Double-valve vacuum technology
- Power Saving Technology
- Operating mode for large-scale laboratories
- Vacuum Parameter Assistant (VPA)
- Selectable acoustic signals and tunes
- Large remaining time indicator
- PrograBase software establishes a connection to the PC
- Variety of maintenance and diagnostic programs

Technical data

Power supply	110 – 120 V / 50 – 60 Hz 200 – 240 V / 50 – 60 Hz Admissible voltage fluctuations ±10%
Max. power consumption	12 A at 110 – 120 V 8.0 A at 200 – 240 V
Vacuum pump data	Max. power consumption: 250 W Final vacuum: < 50 mbar Only tested pumps should be used.
Dimensions of closed furnace	Depth: 465 mm Width: 320 mm / 390 mm (with cooling tray) Height: 550 mm
Dimensions of firing chamber	Diameter: 90 mm Height: 80 mm
Max. firing temperature	1,200 °C
Weight	18.3 kg
Safety information	The furnace is built according to the following standards: – IEC 61010 – UL and CAN/CSA
Radio protection / Electromagnetic compatibility	EMC tested

Delivery form

Programat EP 3010
Power cord
Vacuum hose
Programat Firing Tray Kit 2
Automatic Temperature Checking Set ATK2 (test set)
Investment ring cooling grid
USB download cable
Various accessories

Recommended accessories

(not contained in the delivery form)

VP5 Vacuum Pump
Programat Accessories Set
Automatic Temperature Checking Set ATK2

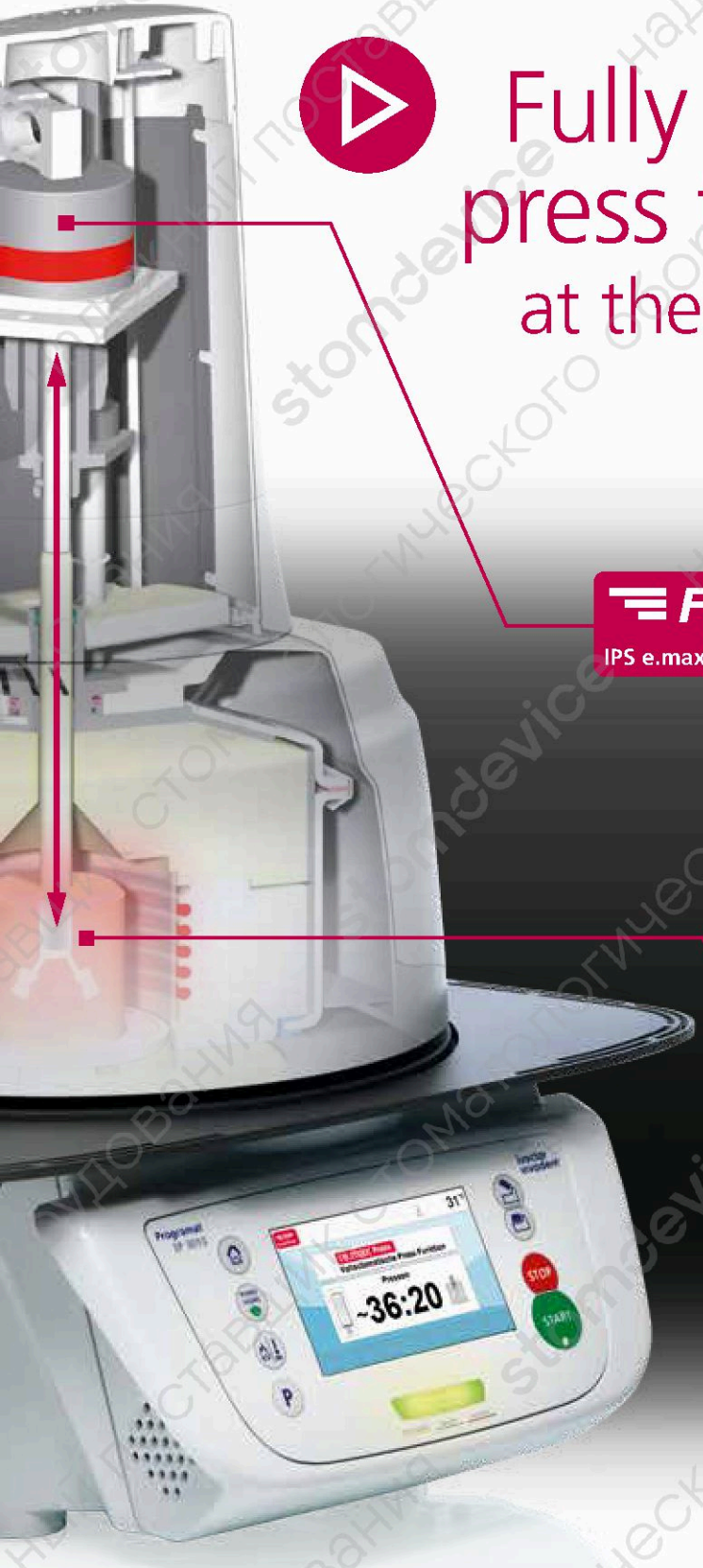


VP5

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Fully automatic press function (FPF) – at the push of a button



FPF
IPS e.max® Press

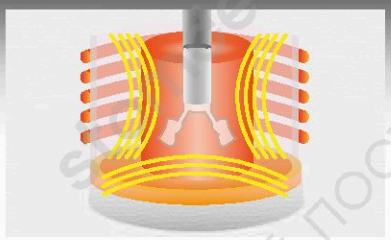
Fully automatic press function*

Due to the new patented and fully automatic press function, 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.

QTK2 muffle technology with SiC bottom reflector

The new QTK2 muffle together with the SiC bottom reflector ensures optimum temperature distribution. The investment ring warms up more evenly and efficiently, which leads to high-quality press and firing results.

Due to the uniform temperature distribution, even difficult-to-press restorations can be processed.



Even heating of the investment ring – also in the bottom area – due to the SiC bottom reflector

*only for IPS e.max® Press

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Fixed prosthetics

Programat® EP 3010 forms a part of the "Fixed Prosthetics" product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

IPS e.max® System

all ceramic – all you need



The comprehensive solution covering all indications

- Highly esthetic, high-strength materials for the press and CAD/CAM technique
- Unique lithium disilicate (LS_2) and zirconium oxide (ZrO_2) ceramics for restorations ranging from thin veneers to long-span bridges
- Flexibility of cementation: adhesive, self-adhesive and conventional

Variolink® Esthetic

The esthetic luting composite



The luting composite for exceptional esthetics and user-friendly processing

- Balanced and concise Effect shade system
- Excellent shade stability due to amine-free composition
- Easy, controlled excess removal

Would you like to know more about the products of the "Fixed Prosthetics" category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.

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