

update

01|2014



Programat® P510 with infrared technology

A world debut that excites users

The new Programat® P510 with integrated infrared camera impresses increasingly more users in the day-to-day practice. But what is the added value of such an innovative technology?

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Designed for optimum prosthetics
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Special Edition

FIXED PROSTHETICS



With the new Programat P510 ceramic furnace, the temperature can be measured directly on the surface of the ceramic restoration. The intelligent software defines the optimum predrying and closing temperature for each firing cycle. Furthermore, the positioning of the furnace head and the required power are automatically controlled by the furnace.

When analyzing the optimum predrying temperature, the following aspects are considered:

- Object size
- Number of objects (extent of loading)
- Surface moisture

This results in the following benefits for the user:

- Increased process safety
- Improved quality
- Faster processes (up to 25 per cent)

The new Programat P510 with integrated infrared camera allows its users to fire ceramic materials even more easily and faster. As a result, high-quality restorations with life-like esthetics are achieved.

Further information on the infrared technology can be found in the Special Update Equipment. The Special Update Equipment can be ordered in English or German at info@ivoclarvivadent.com.



PrograBase X10

The multifunctional software for Programat furnaces

The PrograBase X10 software has been developed in combination with the new furnace generation and is characterized by its uncomplicated handling. The new software design offers many new and optimized functions. Furthermore, the PrograBase X10 is an ideal tool for the modern data transfer between the furnace and the PC/laptop.

Main functions of the software:

Control

The program number, the firing status and the current firing temperature can be directly controlled on the user's computer.

Data management

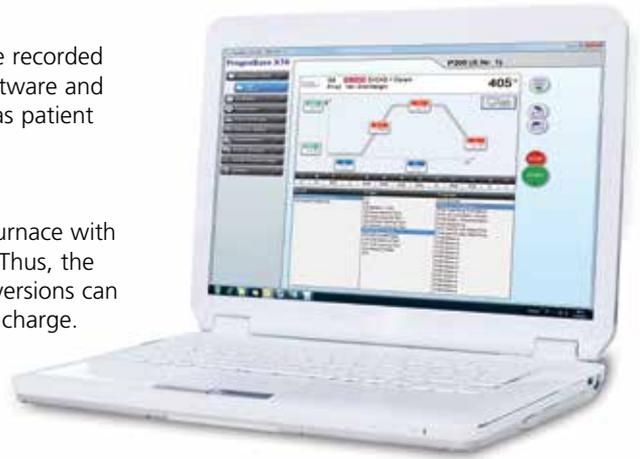
Additionally, firing programs can be changed directly on the computer. New programs can be created and existing data can be copied from one furnace to another.

Protocol

Performed firing cycles can be recorded using the PrograBase X10 software and additional information, such as patient data, can be added.

Download

Only one click connects the furnace with the Ivoclar Vivadent website. Thus, the most recent device software versions can be easily downloaded free of charge.



REMOVABLE PROSTHETICS



SR Phonares® II, IvoBase® and SR Nexco®

Designed for optimum prosthetics



Removable prosthetics should no longer be run of the mill or have a purely functional purpose. Individualized esthetic aspects are increasingly gaining importance. This applies not only for the white esthetics but also for the gingival parts.

SR Phonares® II with its natural shape and shade system, the innovative prosthetics system IvoBase® and the lab-composite SR Nexco® with its light-curing materials and shades covering even the gingival areas are state-of-the-art materials which meet all the requirements of excellent esthetics.

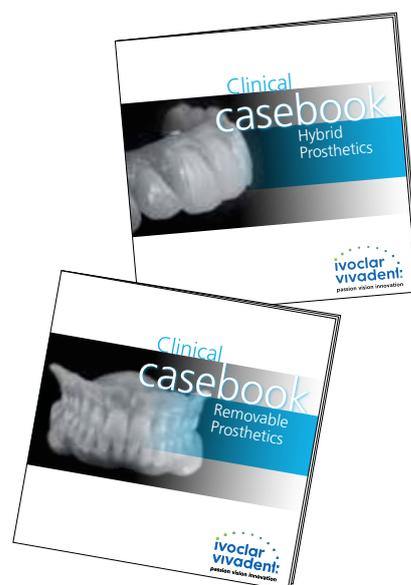
The SR Nexco shade range has been complemented with two new Intensive stains: Stains red and Stains chili. These rich and intensive red hues have so far been missing in the shade range for the customized reproduction of the gingiva. The slightly viscous pastes allow the dental professionals to easily imitate the blood vessels in the gingiva.



Prosthetics – a close-up

Since the end of November 2013, two clinical casebooks have been available for the patient communication. Thirteen cases from eight different countries demonstrate impressively how the appearance and charisma of a patient are positively changed by means of individualized prosthetics. All patient cases were realized using SR Phonares. In most cases, the IvoBase system was used as a denture base material. Some cases report also on the use of SR Nexco Gingiva for the reconstruction of the gums. These cases are particularly remarkable as the results show that the natural model can be imitated almost to perfection using SR Nexco Gingiva.

Both casebooks can be ordered in English and German at info@ivoclarvivadent.com.



DIRECT RESTORATIVES



Tetric® N-Ceram Bulk Fill Special Edition

Eduardo Mahn describes a new approach to placing posterior fillings in a Special Edition issue entitled "Changing the paradigm of composite placement".

In the past, composite resins had to be placed in several increments in order to control polymerization shrinkage. This approach has changed fundamentally with the introduction of the bulk fill technique. In his publication entitled "Changing the paradigm of composite placement", Eduardo Mahn, the director of clinical research at Universidad de los Andes in Santiago de Chile, explains why it is possible to apply Tetric® N-Ceram Bulk Fill in increments of 4 mm. He also discusses the benefits of working with the posterior composite Tetric N-Ceram Bulk Fill. His explanations are accompanied by clinical pictures.

Dr Mahn's personal assessment of Tetric N-Ceram Bulk Fill is very positive: "Even if some people are not completely convinced of bulk filling materials at this stage, they can still use them in the conventional way, and can expect less shrinkage stress and theoretically deeper curing results."

Copies of this Special Edition are available in English and Spanish from your local representative or from the head office in Schaan (+423 235 3636).



OptraSculpt® Pad

Awarded "Clinical Problem Solver 2013"



"The Dental Advisor" recommends the use of the OptraSculpt® Pad modelling instrument for the contouring of sticky composites.

Even despite the excellent properties of composite resins, their contouring remains a very challenging step during the treatment phase. Highly esthetic composites, in particular, demonstrate a rather sticky consistency due to their filler composition and are therefore more difficult to process.

The OptraSculpt® Pad modelling instrument with its special foam pad attachments is designed for the efficient, non-sticky forming and shaping of composite fillings. Its qualities have now been confirmed by the US test institute "The Dental Advisor". The renowned US institute awarded OptraSculpt

Pad the title "Clinical Problem Solver 2013" and evaluated the instrument's characteristics to be excellent to prevent the adhesion of composite materials during processing.

A comprehensive system for esthetic dentistry

Naturally white teeth are a desire frequently voiced by patients. In order to meet the expectations of patients, Ivoclar Vivadent offers products for high-quality restorations, such as Tetric® N-Ceram, IPS Empress® or IPS e.max®, in Bleach and light shades. For the whitening of natural teeth, VivaStyle® is the product of choice.

Gentle tooth whitening using a tray

The VivaStyle® gels contain the proven ingredient carbamide peroxide for the effective and gentle whitening of teeth. The concentration of carbamide peroxide ranges from 10 per cent and 16 per cent to 30 per cent. The new component potassium nitrate, the new mild mint flavour, the soft tray material and the short application times allow a gentle and effective whitening of the teeth.

Effective tooth whitening without using a tray

VivaStyle Paint On Plus is a varnish system containing 6 per cent hydrogen peroxide and provitamin D-Panthenol. After the diagnosis, the dentist applies the varnish to the

teeth. For the treatment at home, the dentist explains the patient how to apply the varnish at home.

VivaStyle Paint On Plus is applied directly to the teeth with a brush. After drying, the varnish remains on the teeth for 10 minutes. The varnish system does not dissolve in saliva and takes effect within minutes of being applied. Individual teeth or several teeth in a row can be whitened.

Detailed information on the VivaStyle system for the practice team as well as brochures for the patient consultation can be ordered at info@ivoclarvivadent.com.



With VivaStyle Paint On Plus, individual teeth or several teeth in a row can be whitened.



VivaStyle Paint On Plus forms a water-resistant coating on the teeth.

Improved oral health in radiation patients

Tumour radiation treatment in the mouth, head or neck region can have detrimental effects on the teeth, gingiva and mucous membrane of the patients. Cervitec® Gel, Cervitec® Liquid and Fluor Protector improve the oral health in such patients.

If a tumour radiation treatment is performed in the mouth, head or neck region, the mucous membrane, the salivary glands and the upper and lower jaw lie usually within the radiation area.

Side effects such as a dry mouth, increased vulnerability of the mucous membrane to infections and aggressive caries might occur. In a pilot study performed at the University of Zagreb, patients with this condition underwent a strict treatment for caries prevention.

The application of the fluoride varnish Fluor Protector in combination with the chlorhexidine products Cervitec® Gel and Cervitec®

Liquid resulted in improved oral health of the teeth and the mucous membrane. Most importantly, the quality of life improved as well.

References:
Alajbeg et al.: Strategies for prevention and treatment of head and neck radiotherapy complications. Support Care Cancer 2012; 20 (Suppl 1): p. 230

Alajbeg et al.: Strategies for prevention and treatment of head and neck radiotherapy complications – oral health improvement using fluoride containing products. International Symposium on Supportive Care in Cancer, New York City. 28 – 30 June 2012



The alcohol-free mouthrinse Cervitec Liquid contains chlorhexidine and xylitol.



The mild oral healthcare gel Cervitec Gel contains chlorhexidine and fluoride.

New light probe for the Bluephase® Style



Since September all Bluephase® Style curing lights have been equipped with a new light probe. Thanks to the homogeneous heat distribution, the Bluephase Meter can now be used for the first time.

The integration of an additional glass element within the light probe causes the light to be emitted more homogeneously. The radial-symmetrical emission allows the dental professional to check the light intensity of the Bluephase Style using the Bluephase Meter. Furthermore, the homogeneous light emission results in a significantly lower heat perception in the patient's mouth.



Previous light probe



New light probe



Measuring the light intensity with the Bluephase Meter



Bluephase® Style receives additional awards

The independent US test institute "The Dental Advisor" has once again confirmed the excellent properties of the Bluephase Style curing light and awarded the product the **highest possible rating of five stars ("excellent")** as well as the title **"Editor's Choice"**. The test users appreciated in particular the low weight, the ergonomic design, the noiseless operation and the simple and reliable battery charging. Similarly, the readers of the dental magazine "Dentistry Today" are impressed with the product's market success and rated the Bluephase Style among the "Top 50 Technology Products 2013".



Sources: The Dental Advisor Vol. 30, No. 05, June 2013; Dentistry Today, Vol. 32, No. 11, November 2013

THE QUALITY OF ESTHETICS

Powered by Ivoclar Vivadent

COMPETENCE IN ESTHETICS

Rimini, 7 – 8 March 2014

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