

LABORATORY

PrograMill  
PM7

PrograPrint  
PR5

**SHAPE  
YOUR DENTAL  
FUTURE**



ivoclar  
digital®





Innovative ideas, state-of-the-art technology and straightforward, pared-down working steps all go hand in hand. Today, this is truer than ever before.

*Start your digital future now. It only takes four steps to enter the world of Ivoclar Digital.*

# CONCENTRATE ON THE ESSENTIALS

The Ivoclar Digital product portfolio is based on our knowledge of new possibilities in dentistry, the availability of durable materials and our pursuit of esthetic excellence. New technology allows you to meet the daily challenges of a continuously changing world and shape your dental future together with us.

Ivoclar Digital products will accompany you throughout the entire digital processing chain. Four easy steps allow you to achieve the highest of standards:

## Consult – Design – Decide – Produce

- **Consult** – with IvoSmile, the innovative software application based on augmented reality that supports the dialogue between dental professionals and their patients
- **Design** – with versatile scanners and intuitive design software from our partners, including exclusive add-ons
- **Decide** – to use high-performance materials such as IPS e.max®, the world's most widely used all-ceramic system
- **Produce** – with innovative high-quality equipment for the production of esthetic restorations

\*Based on sales figures

Concentrate on the essentials: products and processes for making the best of the digital world.

**CONSULT**

**DESIGN**

**DECIDE**

**PRODUCE**

**S E R V I C E +**



# CONSULT

IvoSmile<sup>1</sup> is an innovative dental software application (app) that uses augmented reality to visualize the possibilities for esthetic treatment options directly on the patient.

Team up with the attending dentist to get your patient interested in a dental smile makeover: Use virtual images to show them the possibilities for enhancing their smiles effectively and quickly. Explain complex treatment processes simply and help your patients gain a clearer picture of the treatment goal.

Visualize the tooth shape and size, for example, and include personal preferences as early as in the mock-up fabrication phase. IvoSmile simplifies the communication between the laboratory technician, clinician and patient. Misunderstandings between you and your dentist are avoided, as projects can be divided among you and carried out in close cooperation.

Pictures of the planned situation (silhouette mode) can be exported and sent via email. Moreover, they can be used for the 3D planning process in all current smile design programs.



The IvoSmile app is designed for Apple iPads<sup>2</sup> and can be downloaded from the Apple App Store; a 30-day free trial period of the fully featured app is included in the download.

**More information about IvoSmile is available for downloading at:**  
<https://blog.ivoclarvivadent.com/ivosmile>

\* Not a registered trademark of Ivoclar Vivadent AG





**IvoSmile – for the impressive  
visualization of treatment objectives**



# DESIGN

Intelligent software applications form a solid base for digital dentistry. The machines from 3Shape, the world's leading manufacturer of dental scanners and their software, are characterized by high precision imaging and state-of-the-art design. The software, hardware and materials involved are all coordinated and therefore optimize many of your working steps.

Regardless of the size of your laboratory, the different scanner models and the modular structure of the design software enable you to expand your indication range to suit your situation and requirements. Intuitive user interfaces and exclusive add-ons, such as IPS e.max® Digital Press Design and Digital Denture, open up new perspectives in digital dentistry – exclusively from Ivoclar Digital.







**Convenient software applications  
for enhanced productivity**



# DECIDE

IPS e.max® is the number one all-ceramic material\* in the world, as has been shown by the 120 million restorations which have been fashioned with this material. Therefore, we decided to build on this success and develop a comprehensive materials portfolio.

Lithium disilicate, zirconium oxide, PMMA and metal – all these materials will blend seamlessly into your digital work routines: in fixed and in removable denture prosthetics. They come in the form of blocks and discs.

## Digital diversity

The versatile zirconium oxide material IPS e.max ZirCAD allows you to manufacture fixed full contour crowns, bridges and frameworks. You can produce monolithic restorations and veneered restorations using the new IPS e.max ZirCAD Prime discs. The tooth-coloured SR Vivodent® CAD discs and the gingiva-coloured denture base material IvoBase® CAD enable you to fashion fully digital removable dentures.

The ProArt CAD discs and ProArt Print materials assist you in converting conventional laboratory processes into completely digital ones.

\*Based on sales figures







High-performance CAD/CAM materials  
for maximum esthetics and versatility



# PRODUCE

Advanced machines are available for processing advanced materials. We have machines to suit every laboratory. The PrograMill® and PrograPrint® systems from the Ivoclar Digital range offer bespoke solutions designed to meet your individualized manufacturing needs. Ivoclar Digital materials are optimally tailored to these high-end manufacturing units and ensure convincing restorative results.

PrograMill One is a smart and very compact 5-axis milling machine. It combines industrial manufacturing quality with high precision and modern design. The machine is operated from any location using wireless technology by means of an app for tablets and smart-phones. If you would like to mill blocks and discs, you can choose between the PrograMill PM3, PM5 or PM7, depending on the size of your laboratory. With these machines you are well equipped to achieve fast, dynamic and robust results.

PrograPrint is a 3D printing system that has been especially designed for dental applications. The PrograPrint PR5 3D printer features an innovative cartridge system, which enables easy and virtually contactless handling of the materials. It offers impressively high printing accuracy across the entire build platform and thus ensures high-quality printing results.







PrograMill  
PM7

ivoclar  
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PrograMill  
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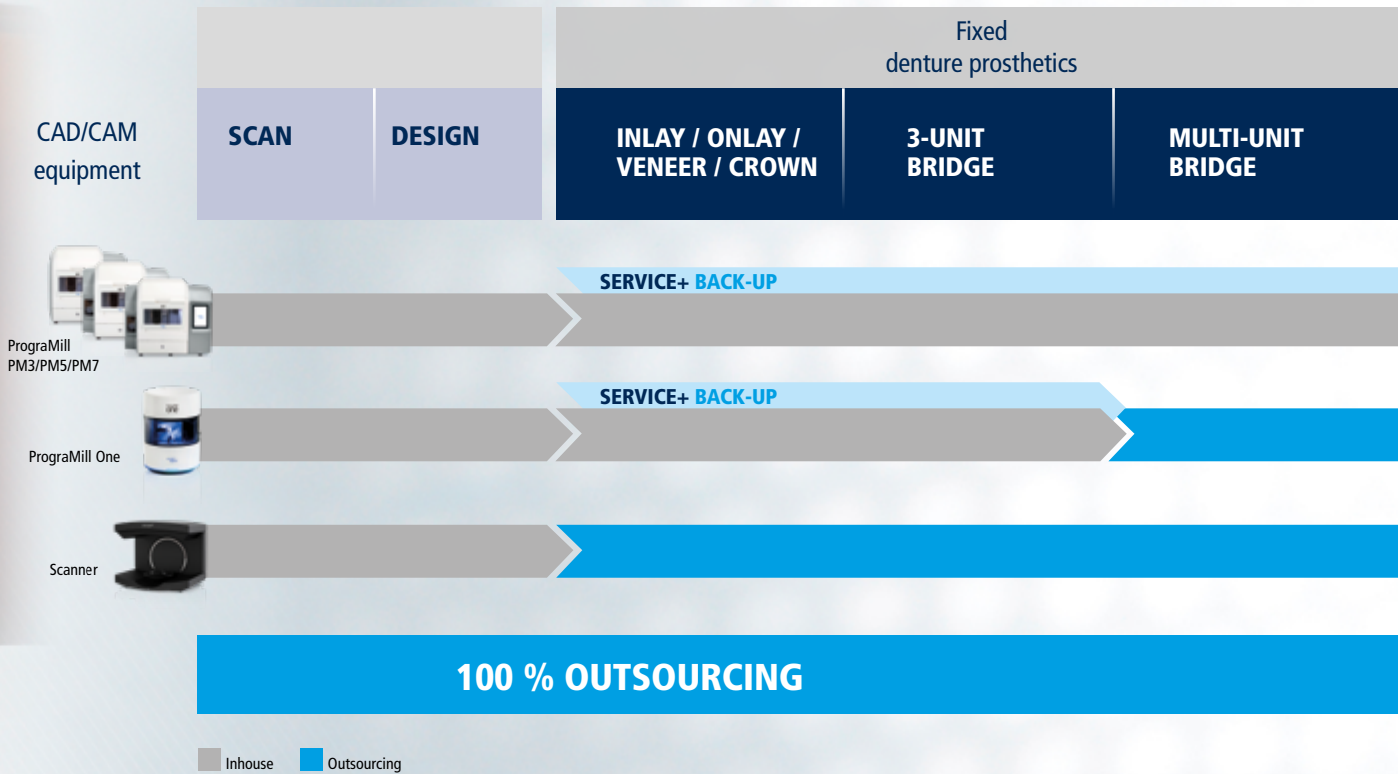
Intelligent machine communication for  
fast and reliable work processes



# SERVICE+

Outsourcing partner for every lab

Enjoy an easy entry into the CAD/CAM world of Ivoclar Digital – tailored to the individual needs of your lab.



## SERVICE+ BACK-UP

You have invested in a PrograMill CAD/CAM system. We help to ensure your manufacturing success.





Removable denture prosthetics	Implant prosthetics		
<b>DIGITAL DENTURE</b>	<b>ABUTMENT</b>	<b>IMPLANT-SUPPORTED BAR</b>	<b>IMPLANT-SUPPORTED SUPERSTRUCTURE</b>



# **SERVICE+** **DESIGN & PRODUCTION**

Let us simplify your entry into the CAD/CAM world.  
We can design and produce precision restorations for you.

# **SERVICE+** **PRODUCTION**

We will assist you in expanding your materials and indication spectrum.  
We are happy to take on your production orders.



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**Manufacturer and distributor:**

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**Distribution:**

[www.ivoclarvivadent.com/distributors](http://www.ivoclarvivadent.com/distributors)

→ Connected to you

[www.ivoclardigital.com](http://www.ivoclardigital.com)

The logo for Ivoclar Digital features the word "ivoclar" in a blue, lowercase sans-serif font. Above the letters "o", "c", "l", "a", and "r" are several small, colored dots in shades of green and blue. Below "ivoclar" is the word "digital" in a larger, bold, blue, lowercase sans-serif font. A registered trademark symbol (®) is located at the end of "digital".

ivoclar  
digital®