

# DENTAL

Profile 2025



# SAMIR

## TRADING & MARKETING

For over 70 years, Samir has delivered cutting-edge solutions in medical, laboratory, and AV technologies—partnering with global leaders to serve key sectors in the Kingdom.

Today, we continue to evolve with Vision 2030, driving progress through smart technologies that shape a more advanced and connected Saudi Arabia.



# OUR BUSINESS DIVISIONS



Medical &  
Healthcare



Visualization of  
Integrated Projects



Business Imaging  
System & Service



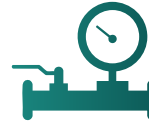
Audio Visuals & Low  
Current Integrator



Digital Printing &  
Finishing Solutions



Home Printing &  
Personal Care



Industrial Reliabilities &  
NDT Inspector



After Sales &  
Service



# DENTAL

Dental division in SAMIR has been a trend setter in the dental sector in Saudi Arabia. The most comprehensive digital dentistry workflow solutions, and the only supplier of virtual reality dental trainers and training robots made the Dental Division head and shoulders among competition.

We believe in providing comprehensive solutions in collaboration with our partners Planmeca, imes-icore, 3D Systems, Smart Optics, Whitepeaks, Tmsuk, Nissin, Saratoga, BPR Swiss, MK-dent, SIMtoCARE, Trumpf, and others to better serve the dental community in Saudi Arabia.



**PLANMECA**

**SIMtoCARE**



 **SARATOGA**



**imes-icore<sup>®</sup>**  
Dental & Medical Solutions



 **3D SYSTEMS<sup>®</sup>**



 **WHITEPEAKS**  
DENTAL SOLUTIONS



 **NISSIN**

# PLANMECA

Planmeca Oy is a global leader in many fields of healthcare technology, with products distributed in over 120 countries worldwide. Headquartered in Helsinki, Finland, Planmeca product range covers digital dental units, CAD/CAM solutions, world-class 2D and 3D imaging devices and comprehensive software solutions.

## Dental Units

Planmeca dental care units have been designed to provide the best possible treatment experience for patients and clinicians alike. Each dental care unit we manufacture is of the highest level and offers features and benefits to meet the needs of clinics of all sizes.

### Planmeca Compact™ i5

Planmeca Compact™ i5 dental unit has been built around five central themes design wellbeing, cleanliness, intelligence and evolution.



Wellbeing for patients and the dental team



Safe, clean treatment environment



Intelligent tools for intelligent dentistry



Continuous evolution



Secure, long-term investment



Ideal for four-handed dentistry

### Planmeca Compact I Classic

Planmeca Compact™ i Classic is the modern classic of our dental unit range a functional choice that combines the best benefits of our ergonomic and practical design solutions.



Easy to learn, easy to use



Ergonomic instrument use



A relaxing treatment experience for the patient



Durable and practical design



Your settings, on any unit, instantly



# PLANMECA

## | 3D Imaging

All Planmeca extraoral units provide unmatched attention to detail and support three different types of 3D dental imaging, as well as panoramic, extraoral bitewing, and cephalometric imaging. Enjoy high CBCT image quality – always at an optimal patient dose.

### Planmeca Viso G7

Planmeca Viso™ is our flagship CBCT unit. It is an ideal combination of premium image quality and high-end usability.



Live virtual FOV positioning



Maximum volume is 30x30



Improved Planmeca ProFace® photos



Movement artifact correction



Intelligent patient support



Ultra low dose imaging & Cephalostat option

### Planmeca ProMax 3D Classic

Planmeca ProMax® 3D Classic unit covers the entire dentition – making it an excellent option for full arch dental 3D imaging needs.



Movement artifact correction



Finest details



Ultra-low dose CBCT imaging



Imaging options for all needs



# PLANMECA

## | Intraoral imaging

Our premium intraoral X-ray unit and advanced intraoral sensor system work together seamlessly to meet your intraoral imaging needs. They are further supported by our full-featured imaging plate scanner's fast scanning process and high-quality images.

### Planmeca Pro X

The advanced Planmeca ProX™ intraoral X-ray unit provides easy and precise positioning, a straightforward imaging process and top-quality images in high resolution.



Adaptable intraoral imaging



Quick imaging parameter settings



Intraoral sensor integration



Numerous installation options



Clinic management support

### Planmeca ProSensor HD

The Planmeca ProSensor® HD intraoral sensor offers a unique combination of unparalleled image quality, high-end patient-centred design and advanced usability.



Cutting-edge image quality



Patient-centred design



High-end usability



Designed to last



Intraoral X-ray unit integration



# PLANMECA

## Planmeca ProScanner 2.0

The Planmeca ProScanner® 2.0 imaging plate scanner is a high quality option for fast and dependable intraoral imaging. With intelligent design details and outstanding durability, the scanner supports everyday tasks at a dental clinic – providing reliability that is hard to match.



## CAD/CAM

Enter the world of computer-aided design and manufacturing to elevate the level of your treatments! From intraoral scanning to flexible designing and chairside milling, we offer all the products needed for a complete CAD/CAM dentistry workflow

## Planmeca Emerald S™

Planmeca Emerald™ S is an enhanced version of our beloved Planmeca Emerald™ scanner. It elevates intraoral scanning speeds to the next level while also introducing new diagnostic capabilities and improved usability.



Elite scanning speed



Sleek and slim design



Unforeseen precision



Tips for diverse needs



Easy imports and exports



True digital comfort



Tooth shade assistant



Customize with color





# PLANMECA

## Planmeca PlanMill® 35

With the new Planmeca PlanMill® 35 milling unit, zirconia can be milled dry with high-precision tools to achieve precise restorations efficiently. Milling the zirconia dry optimizes the workflow significantly, as the material does not need to be dried after milling.



Optimized for milling zirconia



Future-proof investment



Easy to operate



Complete chairside solution



Compatible with your current equipment



Maximised uptime with guided maintenance



## Educational Solutions

### Planmeca bench simulation

Planmeca bench simulation helps the students to learn the correct working ergonomics and master proper infection control routines from day one. The modular design fits into any room layout and the same equipment can be used by dental technicians.

Planmeca offer different simulation solutions for all educational needs. The main approach is to create a modern learning environment that simulates real treatment situations and provides a smooth transition from preclinical to clinical work.



# PLANMECA

## | Software

### Planmeca Romexis®

Planmeca Romexis® is the most powerful dental software platform in the world. It offers a rich selection of tools and features for all needs and specialties. Romexis brings together all Planmeca equipment at a dental clinic – from CAD/CAM technology to imaging devices and dental units.

The Planmeca Romexis® software platform includes modules and tools for a wide range of dental specialties – from 2D and 3D imaging to CAD/CAM dentistry. Select your preference from the main categories to explore its full benefits!



### 2D Imaging

- Romexis 2D Standard
- Romexis Smile Design
- Romexis 2D Implant
- Romexis Cephalometric Analysis

### 3D Imaging

- Romexis 3D Standard
- Romexis 3D Implant
- Romexis 3D Implant Guide
- Romexis 3D Cephalometry
- Romexis CMF Surgery

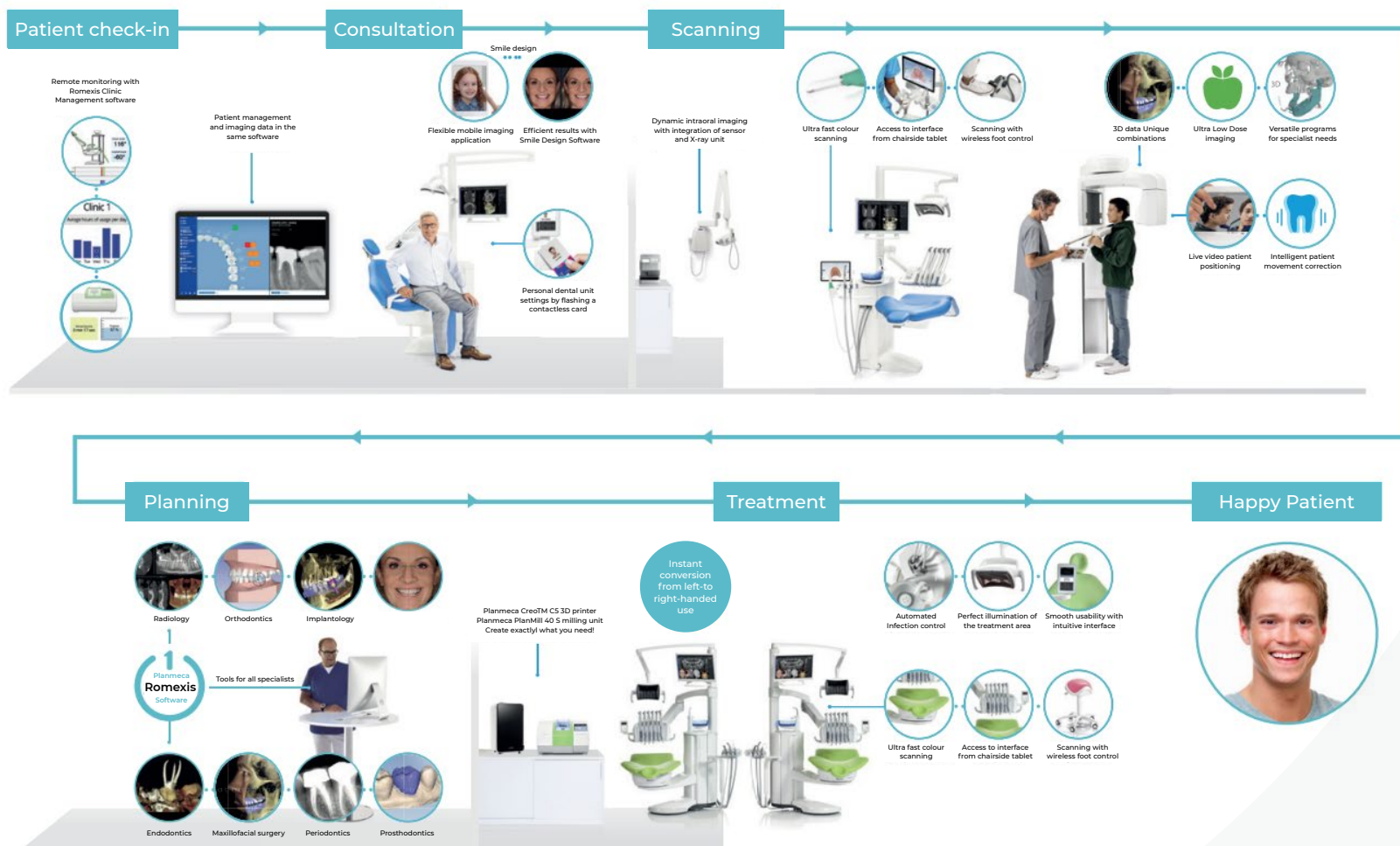
### CAD/CAM

- Romexis CAD/CAM
- PlanCAD Easy

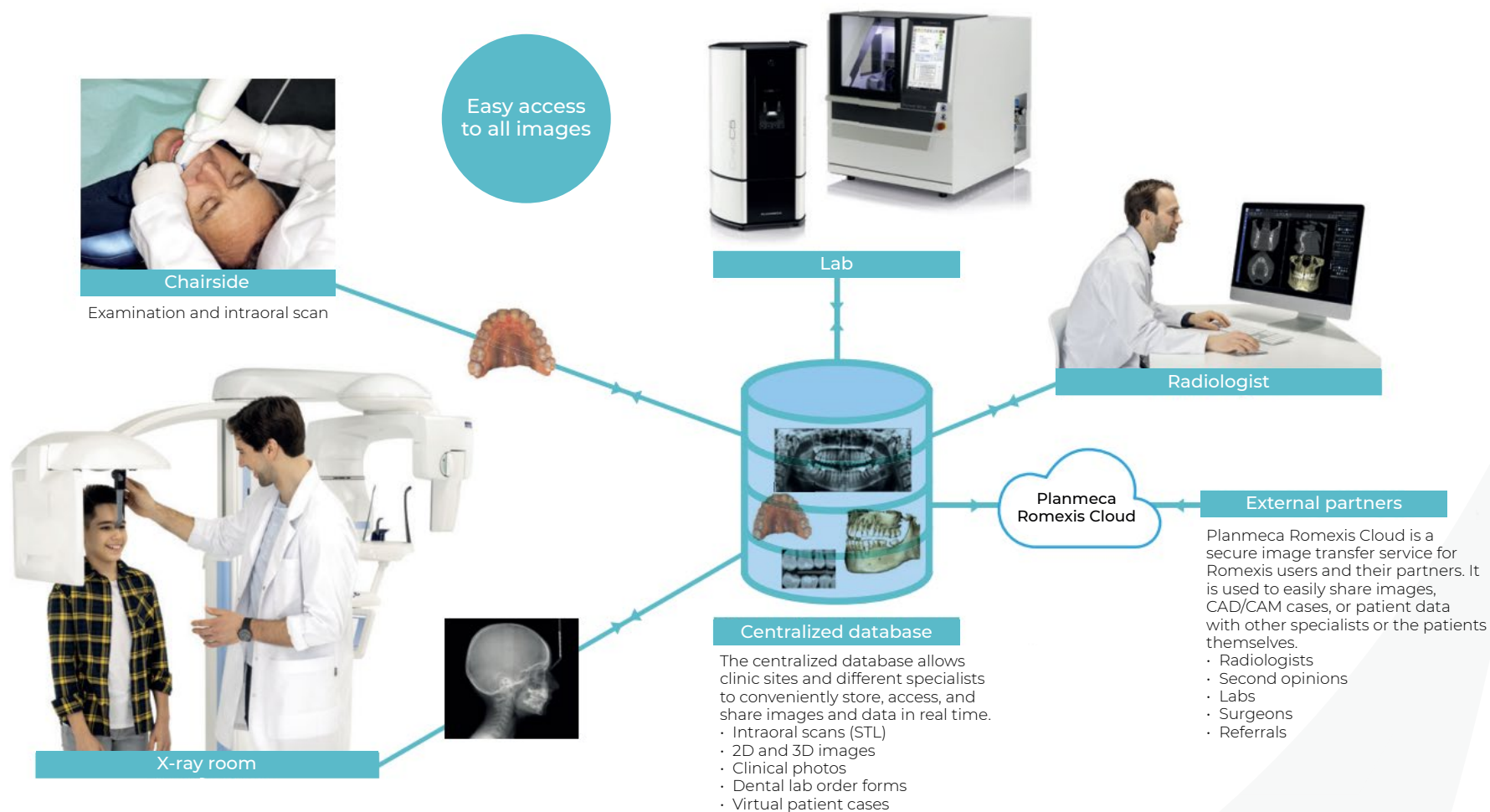
### Clinic efficiency

- Romexis Clinic Management
- Romexis Insights
- DICOM Full

# A Digital Workflow From Start to Finish



# All Clinical Images In One Database



# SIMtoCARE

SIMtoCARE provides simulation solutions that empower professionals to improve the quality and efficiency of education, training and care.

SIMtoCARE is an independent company that directly supports dental schools.

SIMtoCARE continuously develops the hardware, software and content with the universities. Backward compatibility is important to be able to keep existing customers up to date with the latest improvements.

The SIMtoCARE Dente training simulator gives students a realistic training experience. Reality and Virtual Reality objects are combined in a Mixed Reality co-located view with a realistic hand and finger rest.



## MK DENT

MK-dent has grown into one of the leading manufacturers of dental instruments. Today, our meticulously crafted precision instruments are available in more than 110 countries around the world, through a distribution network of approximately 800 authorized dealers. At MK-dent, we are solving today's most important problems in dentistry.



## SARATOGA

Saratoga a leading Italian company in the design and manufacture of customised simulation units for teaching and professional furniture for dental clinics and dental laboratories.





BPR Swiss has been a world leader in selected areas of dental and medical technology for over 25 years. The mobility and plug-and-play function of the mobile carts and portable treatment units help users in providing greater flexibility and efficiency in almost all areas of dentistry. The area of application of the devices includes conventional dental clinics, hospitals, retirement homes, school dental services, home visits, visits to remote areas, armies, relief organisations etc. Mobile carts are primarily recommended for use in the same building and the portable treatment units are recommended for use at different sites.

### Combi-Cart Clinic

The COMBI-CART CLINIC combines 1 three-way syringe, 3 treatment instruments and 2 suction devices including compressor and suction machine on one single cart! Aside from treating your patients in your dental clinic, it offers you the flexibility to treat them in hospitals, retirement homes or other institutions.

### Super-Port Portable Set

SUPER-PORT is the most complete and comfortable portable treatment unit in the world. The self sufficient SUPER-PORT combines a complete dental treatment unit including compressor and suction machine in a light, 17 kg case. SUPER-PORT is equipped ex works with an electric motor with LED light, an electric scaler with LED light, an instrument hose for your turbine/air polisher and a suction (300 l/min!).

### Smart-Port Premium

The cleverly designed SMART-PORT Premium is the perfect device for the mobile dentist. In an 12 kilogram light case, SMARTPORT Premium combines the most important functions and operations of a dental treatment unit and leaves nothing to be desired: Convenient transport, easy setup and dismantling and full performance in continuous operation. The integrated electric micromotor with LED light features a control unit with 30 selectable programs. Speed, torque, and the selected contra angle can be freely adjusted and saved.



The abbreviation imes for “integrated mechanics, electronics, and software” implies our focus in Eiterfeld: We focus on ready-to-use system solutions to meet requirements of customers in handicrafts, education and industry. The abbreviation icore stands for “integrated dental solutions” for the dental industry. imes-icore combines all the know-how in the development, production, sales and service of complete CNC machine systems with all required additional components and CAD/CAM applications.

### Chairside CAD/CAM

#### CORiTEC one+

The CORiTEC one+ is the high-end model in the chairside area. Due to the 5-axis simultaneous technology, the C-Clamp holder and the blank holder can be integrated in addition to the single universal holder. This generates new application possibilities and more flexibility for creating the expected tooth restoration.



Novel closed mono-block body for maximum stability and precision



Operates without an external PC



Half-open "C-Clamp" blank holder



High precision with integrated temperature compensation



Self-sufficient operation without external compressed air



Minimal footprint



### CAD/CAM Lab System

#### CoriTec 150i Pro

The extremely stable design of the mono-block cast body enables precise machining in round and block form. The machine's small dimensions and 5-axis simultaneous technology offer a unique ratio of machine size and functionality.



Closed mono-block body for ultimate stability & precision



Operates without an external PC



Capable of wet and dry machining



Minimal compressed air needed (only 3 bar)



Suitable for metal processing



Combines turn, mill, and grind operations



### CoriTec 250i Loader Pro

The compact 5-axis milling machine opens up a completely new machine segment. The CORITEC 250i Loader PRO offers automation and 5-axis simultaneous machining of circular blanks and blocks in the smallest space and at an attractive price performance ratio. The CORITEC 250i Loader PRO is the perfect solution for technicians who want to create their daily work more independent!



novel, closed mono-block cast body for stability and precision



6-fold blank changer



wet and dry machining possible



integrated PC and touch display



processing of prefabricated abutments



high precision due to integrated temperature compensation



### CoriTec 350i Pro & CoriTec 350i Loader Pro

The CORITEC 350i is a machine concept that meets all modern requirements for CAD/CAM machining. Thus, processing of all relevant blank materials from cobalt chrome, titanium, zirconia, plastics, block materials and new future materials is largely possible without limitations on a single machine system. The CORITEC 350i Loader is also equipped with a fully automatic blank changer, which enables automated production (for up to 12 blanks).



Polymer concrete base for superior stability



Full 5-axis simultaneous machining



Absolute measuring system on all axes



High-dynamic drives for %20 faster processing



Integrated PC with touch display



Zero-point clamping & temperature compensation



### iSINT Eco+ sintering furnace

The iSINT eco is known for its performance and provides high-quality engineering, matching accessories for high demands, at a fair price. Compact and with low space requirements, the iSINT eco sinter furnace nevertheless has sufficient capacity for a sinter bowl of Ø 100 mm for up to approximately 25 units.



## Supportive Solutions

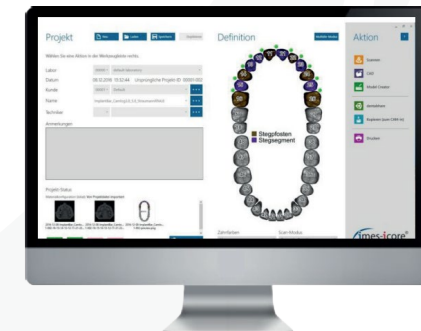
### iCAM V5 Smart

iCAM V5 smart is the high-end CAM solution by imes-icore GmbH. It enables high-precision calculation of 5-axis simultaneous milling data for excellent finish quality and fitting accuracy. Especially for hard materials such as glass ceramics, CoCr and titanium, accurate high-resolution milling data is critical for best fit and long tool service life.



### Exocad software

Exocad as your dental CAD software is the ideal complement for our scanners. It is tailored precisely to the dental workflow for the construction of dental restorations. As a result, even inexperienced users will find easy access to digital dental technology; exocad was developed in close cooperation with experienced dental technicians and software specialists.





Smart Optics products are designed to meet the demands of the market and our clients. They are characterized by maximum benefit, ease of operation and a good price-performance ratio. The combination of hardware and software solutions from one source, coupled with the individualization options in the field of OEM, create completely new and tailor-made products for our clients. In this way we strive to help our clients avoid interface problems and to offer a coordinated retailer service with just one point of contact.

## | Dental Lab Scanner

### Vinyl HR

The Vinyl High Resolution is the third member of the Vinyl series and the new flagship from smart optics. Its outstanding feature is the enormously high level of efficiency and accuracy, which enables every dental technician to master even the most complicated tasks effortlessly.

### Vinyl Open Air

Equipped with a fully automatic Z-axis and a user-friendly 180° opening, Vinyl Open Air provides convenient space for all dental objects, from individual segments through jaw models, full and partial impressions up to articulators of various brands.







3D Systems brought the innovation of 3D printing to the manufacturing industry. Today, as the leading additive manufacturing solutions company, it empowers manufacturers to create products and business models never before possible through transformed workflows. This is achieved with the Company's best-of-breed digital manufacturing ecosystem- comprised of plastic and metal 3D printers, print materials, on demand manufacturing services and a portfolio of end-to-end manufacturing software.

## 3D Printer Dental

### NextDent 3 5100D Printer

The NextDent® 3 5100D Printer powered by revolutionary Figure 4® technology combined with NextDent's broad portfolio of dental materials addresses multiple indications, resulting in unparalleled speed, accuracy, repeatability, productivity, and total cost of operation.

### NextDent Dental 3D printing materials

Combined with a portfolio of 30 unique NextDent 3D printing materials\* the largest number available from any material supplier the NextDent 5100 addresses multiple dental applications. These materials are offered in a variety of aesthetic colors to closely match patients' teeth and gums.

### 3D Sprint software

3D Sprint® is an exclusive software from 3D Systems for optimizing CAD and polygon data. Preparing part files for printing and monitoring print jobs is easy with 3D Sprint®, which comes standard with every NextDent 5100.





Whether lasers, machine tools, EUV or electronics – the nearly unlimited possibilities of the TRUMPF universe combined with creative energy creates technological worlds for future generations that can scarce be imagined today. Joining, cutting, shaping: Our technologies inspire people to create, build, and make what was previously unimaginable a reality – now and in the future.

From casting to milling to 3D printing: the history of the development of metal processing is also reflected in dental technology. Metal dental dentures, created with the casting technique, are now made using 3D printers.

## | Additive production system

### 1000 TruPrint

3D printing in premium quality: highly productive and compact With the next generation of the TruPrint 1000, we are continuing our success story - with even higher productivity and premium quality thanks to the full-field multi-laser and completely redesigned homogeneity of the gas flow.

The new design of the TruPrint 1000 is optimally structured so that the machine fits through a standard door and can find its place in any laboratory, e.g. in the dental field or in universities.



Highest build rates and machine runtimes



Excellent part and surface quality



Ergonomic, contactless powder handling



Process flexibility and expanded monitoring



Best solution for dental applications



Whitepeaks Dental Solutions is one of the leading companies in development and production of dental materials. With a small team of specialized craftsmen and a lot of manual work we manufacture high-end dental CAD/CAM products – hand crafted with passion and care. Every product runs through its various production stages in hand work and under constant personal quality control. As a genuine producer, Whitepeaks is proud to truly manufacture the products in Germany at its best!

## High Quality Zirconia Materials

### CopraSupreme Hyperion

9-layer, high translucent zirconia. In the production process, 5 different layers of pre-coloured Tosoh zirconia powders of different bending strength ( $\geq 1100-600$  MPa) are layered on top of each other, building 4 transition layers in the process.

### CopraSupreme Symphony

9-layer (5 layers plus 4 transition layers) zirconia with increased translucency in the incisal area and high bending strength ( $\geq 1100$  MPa) for anterior- or posterior teeth restorations with up to 14 units. In the production process, 5 layers of pre-coloured zirconia are layered on top of each other, building 4 transition layers in the process.

### CopraSmile Precoloured

Cubic/tetragonal zirconia with highest translucency for anterior or posterior restorations with up to 3 units. Bending strength  $\geq 600$  MPa Isostatically pressed with a lifetime warranty.

### Copran Zri

Classic zirconia with highest bending strength for bridges with up to 14 units in white and dentin coloured in three different intensities. Bending strength  $\geq 1400$  MPa. Isostatically pressed with a lifetime warranty.



The Japanese Tmsuk company limited has tasked itself with developing service robots to assist people in the medical environment. The company established a powerful network through joint projects between industries and universities. By collaborating with leading domestic and overseas university laboratories and corporations, at Tmsuk they are able to carry out flexible research in a speedy manner. The development capabilities are equal to or higher than that of a large-scale research facility. Moreover, they are able to achieve results that are low-cost and high-quality.

## | Dental Educational Robot for Universities

### DentaRoid

A dental patient simulator developed for clinical practice and training, intended for dental students. Featuring voice recognition, this robot can open its mouth according to the doctor's instructions, changing the direction of its face, and perform actions such as unexpected movements and coughing. It can also realistically reproduce complex actions, such as jaw closing and vomiting reflex.

### PediaRoid

We focus on the fact that there are very few opportunities of clinical training. Many people doesn't know about the risk of child medical treatments, and sometimes it causes fatal accidents. There are lots of differences between children and adults, for example, children move their hands and legs to refuse medical treatments. It is also very important to adopt to sudden changes in condition, Pedia Roid contribute to the medical education. This is one of the world's first attempt.



## | Dental Simulator Unit

### Simodont

The Simodont dental trainer is a robust and reliable simulation device. The unit incorporates 10 years of usage experience at dental schools around the world and can withstand years of intensive use by students. Under the skin of Simodont sophisticated technology and hardware is used to achieve high precision simulation and force feedback (haptics). Any number of Simodont units can be connected to a central Server and Teacher Station PC via a closed network.





# KEY PROJECTS

## King Saud University Riyadh

A complete setup of 800 dental units, 2D intraoral x-ray units and digital sensors, and 3D extraoral panoramic units.

---

## King Saud Bin Abdul-Aziz University for Health Sciences

Complete Planmeca setup of 400 dental units, simulation units, 2D, 3D, panoramic and digital sensors.

---

## King Abdulaziz University Jeddah

Comprehensive Dental State-of-the-art info-imaging solutions Software and Hardware Installation in more than 400 clinics.

---

## Jazan University

More than 100 dental Licenses for Carestream clinical+ practice management Solution along with RVG sensors. Simodont dental simulators using virtual reality and haptic technology.

---

## Umm al Qura University Makkah

More than 100 dental Licenses for Carestream clinical+ practice management Solution.

---

## Taibah University Madinah

Comprehensive Dental State-of-the-art info imaging solutions including 2D and 3D imaging, Simodont dental simulators using virtual reality and haptic technology.

---

## King Saud Medical Complex Riyadh Biggest MOH Hospital

Comprehensive Dental State-of-the-art info imaging solutions including several 2D and 3D extraoral imaging Machines

---

## Security Forces Hospital Riyadh

Services: Comprehensive Dental State-of-the-art info-imaging solutions including 2D and 3D imaging machines

---

## Imam Abdulrahman University

Complete digital setup for more than 160 sensors 2D, 3D and CBCT units.

---

## King Faisal Specialist Hospital Riyadh

Comprehensive Dental state-of-the-art info imaging solutions including 2D and 3D imaging and scanning solutions. 3D printer and Mimics SW.

---

## MOH Al-Ahsa

Wide range of digital dental products distributed in King Faisal Hospital and Health Centers.

---

## MOH Dammam

Complete archive solution for dental practice management system in MOH dental centers.

---



# CONTACT

Let's Talk About Your Next Project

🌐 [www.samirgroup.com](http://www.samirgroup.com)

✉ [info@samirgroup.com](mailto:info@samirgroup.com)

☎ 9200 000 62