

CAD CAM

SOLUTIONS

2023



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CAD CAM SOLUTIONS

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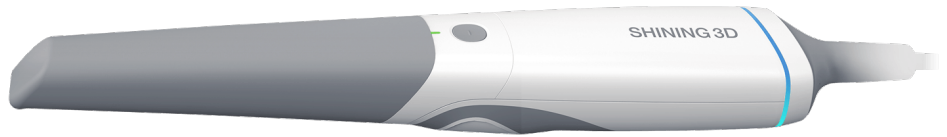


Aoralscan 3

Intra Oral Scanner

SHINING 3D
DENTAL

- Fast Speed
- High Accuracy
- Powerful AI Process
- Intuitive Communication



up to 22 mm Deep Scan Depth

Aoralscan 3 is suitable for various clinical scenarios including acquiring scan bodies and periodontal scans.

2 Tip Sizes

Accommodates adults and children Anti-fogging up to 100 times
Slimmer and 15% longer autoclavable scanner tips offer patients with more comfortable clinical experience.

IO Scanner leasing starting from €185 + VAT a month

Cart Option

The dedicated cart solution was designed to professionally round off the Aoralscan experience in a broad array of working scenarios.

Motion Sensing

Less Contact, Much Safer

Dentists can scan with minimal contact with the computer, ensuring a safe and efficient scan experience.

AI Scan

Automatically identifies and filters out unnecessary soft tissue data during scanning resulting in a quicker and cleaner scan process.

30% More Accurate

Thanks to optimized algorithms and imaging mechanism, Aoralscan 3 carries out more accurate and precise results by 30%, meeting the clinical needs of different applications.

30% Faster

Single arch in 25s
Full arch in 1 min

Application

The Aoralscan 3 intraoral scanner can be applied for clinical indications range spans general restorations, implants and orthodontics. Whether through same-day chairside restorations or clinic-dental lab integrated treatments, it always provides a state-of-the-art user experience.



CS 3600

Intra Oral Scanner



The CS 3600 intraoral scanner from Carestream Dental puts smarter scanning in your hands, whether your practice handles restorative, orthodontic or implant cases, the CS 3600 adapts to your needs by making digital impression capture fast and easy.

- Licence Free, Powder Free, accurate, Fully Open scanning
- High Speed Continuous Scanning
- HD 3D Colour Images
- No moving parts in scanner
- Portable – can plug into laptop

The CS 3600's unique continuous scanning capabilities makes it faster than ever to acquire a scan. Continuous scanning allows the user to scan in a smooth, uninterrupted manner, greatly reducing the time it takes to capture a digital impression. This high speed makes it ideal for time-consuming dual arch scans. Plus, since sudden movements—such as the user's hand shaking or the patient shifting—have little to no effect on successive views, scans can be completed seamlessly despite interruptions to workflow.

The CS 3600's Intelligent Matching System allows users to freely fill in missing information for any area in the data set for more efficient scanning. There's no need to indicate an exact location to the system or to follow a specific direction—simply jump to any position in the mouth.

IO Scanner leasing starting from €185 + VAT a month

CS 3700



The CS 3700 delivers a high-performance scanning experience that takes you in any direction you want to go. Prestigious design—by Studio F. A. Porsche. Turbo-speed scanning. Patient- and practitioner-centric workflows. Smart-shade matching. Touchscreen capabilities. With the CS 3700, compromise is a thing of the past.

CS ScanFlow integrates with your CS 3700 to provide you with unlimited workflow capacity, faster scanning, expanded processing options, one-click export and touchscreen capabilities.

User-friendly CS ScanFlow software lets you pursue any indication from a single scan.

- Smart-shade matching automatically detects the enamel color of the scan area to identify the ideal match for optimum restorative outcomes
- Features hybrid scan capabilities, enabling you to merge a partial impression with a digital in vivo scan into a single file
- Provides a clearer view of the live scan, thanks to more scan space real estate

CS 3800

Intra Oral Scanner

Freedom At Your Finger Tips

Packed with Power

The scanner offers up to one-hour of continuous scanning.

The smart charging station, back-up power cable and optional extra batteries and charging unit ensure the scanner is always ready-for-use.



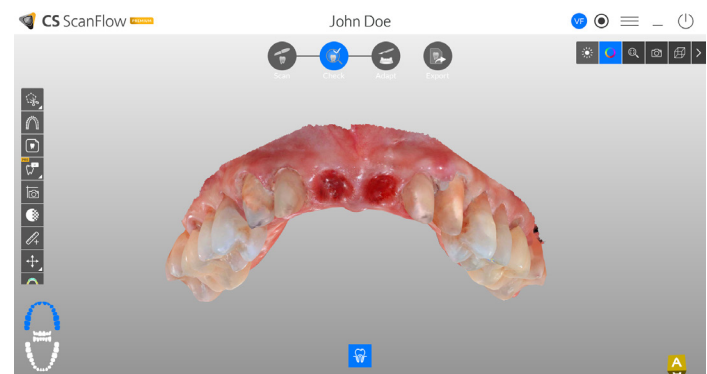
Stable Wireless Connection

Dedicated point-to-point WiFi access ensures a robust and stable transmission for a continuous and efficient scanning procedure. Simply plug in the WiFi dongle and press the button to start scanning, it's that easy.

Features and Benefits:

- High-performance wireless intraoral scanner for optimal mobility and seamless user experience
- One of the lightest and most compact intraoral scanners of the market
- Faster and smoother scanning thanks to a larger and broader field of view and a deeper field of view
- Full control of intraoral capabilities right on the handpiece
- Ergonomic design by Studio F. A. Porsche

CS 3800 with CS ScanFlow



Heron IOS

3DISC Taking Digital Beyond



Easy to use and intuitive Software. Designed for a simpler, faster and more accurate impression, making Dentists confident in the success of their scans

The Heron IOS is a digital 3D imaging solution bringing simplicity to the beauty of your work as a medical professional. One of the most ergonomic and easy to use scanners on the market, the Heron weighs in at 150 grams with a compact, streamlined design for more efficient scanning and increased patient comfort.

Using the HeronClinic software, your team can easily navigate the intuitive, user-friendly interface to meet all your restorative, orthodontic, and implant needs. Whether it is in case creation, scanning or case integration, the Heron IOS with clear workflows and a cloud sharing platform, makes it easier than ever to create and browse patient cases, scan and share with labs.

Intuitive Interface

3DISC has designed a User-friendly interface for the clinician to navigate through the software swiftly.

Intelligent Repositioning

AI designed to help the dentist start from whatever point already scanned on the arcade.

One Click Occlusion Map

Designed to check the occlusion points before sending to the lab. Created to reassure the dentist on the occlusal distance for the preparation.

Quality Control While Scanning

Used as a complement to the scan path protocol, the Quality Map allows the user to determine whether sufficient data has been acquired in key zones. In the event of insufficient data, the practitioner can scan those areas for which more data is required.



IO Scanner leasing starting from €185 + VAT a month

Omnica™ AF

Intra Oral Scanner



Ergonomic and efficient intraoral scanning

CEREC Omnicam sits perfectly into the user's hand. Thanks to the slimline design and the compact camera tip, scanning the posterior teeth presents no problems. Regardless of whether the patient is sitting upright or reclining, you can scan the upper and lower jaws ergonomically without having to adjust your natural working posture.

Digital impressions as a continuous video process

Taking a digital impression with the CEREC Omnicam is a continuous video process. Simply take the camera out of the holder and guide the CEREC Omnicam closely along the teeth. Time-consuming preparations for a precise intraoral impression are not necessary.

Precise 3D images in natural color

The precise 3D model allows you to clearly differentiate between the preparation margin and the gingiva. This enables the exact definition of the preparation margin during the subsequent designing process in the CEREC software.

Shade Detection

The new feature Shade Detection makes it possible to analyse the shade of each tooth based on your intraoral scan with the CEREC Omnicam. This gives you an objective support and more safety in selecting the right restoration shade.



IO Scanner leasing starting from €185 + VAT a month

PrimeScan

Intra Oral Scanner



Redefine your standards of outstanding accuracy and speed: Primescan enables all kinds of treatment, from single tooth to full arch. With Primescan, intraoral scanning is now more accurate, faster and easier than ever before.

An excellent choice for outstanding results: Primescan is your perfect starting point into digital dentistry. No matter how you would like to design your workflows, Primescan is the enabler for efficient digital workflows – both chairside in your practice and with your preferred partners.

- Faster scanning with a smooth scan flow
- More than 1 million 3D points processed per second
- Dynamic depth scan technology for perfect sharpness, even in up to 20mm depth
- Movable 16:9 touchscreen and touchpad for perfect ergonomics

Primescan meets your needs with two individual software configurations:

Primescan AC with Connect Software:

Supports data transfer options to your preferred partners
Secure and encrypted data transfer through Connect Case Center Inbox
Easy upgradability to full chairside workflow
Touch-enabled and intuitive user interface

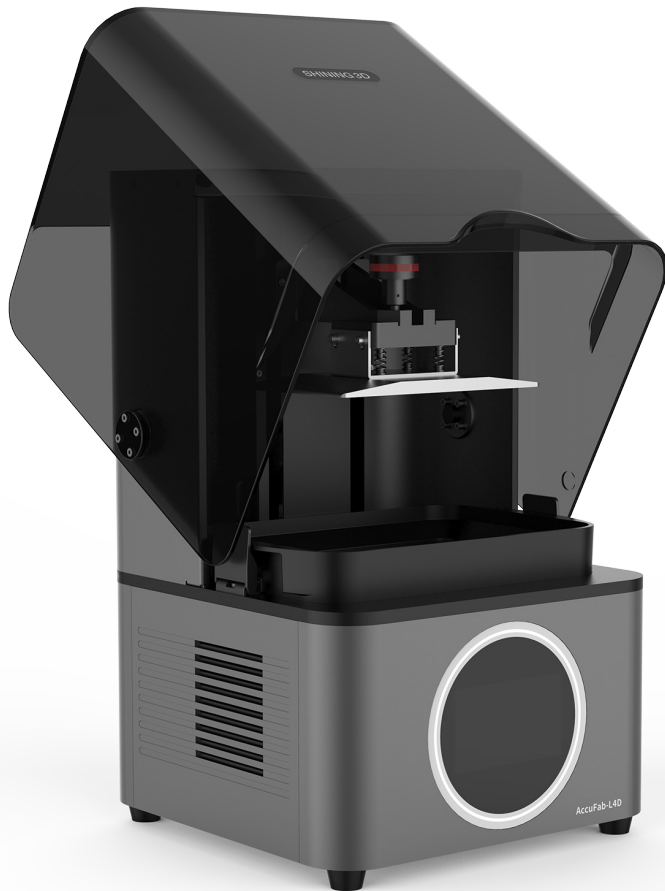
CEREC Primescan AC with CEREC Software:

Supports full chairside workflows for single-visit dentistry
Flexible data export options
Automatized workflow thanks to Artificial Intelligence
Touch-enabled and intuitive user interface



AccuFab-L4D

3D Printer



The AccuFab-L4D's high fidelity of print result brings extraordinary digital dentistry workflow from intraoral scanning to rapid 3D printing

Connecting the Future

Link Aoralscan with AccuFab

Shining 3D intraoral scanner, 3D printer and dental material ecosystem provides exceptional experience in digital dentistry.

AccuDesign

Life-time free upgrade model creator software that comes with AccuFab-L4D

Dental Cloud

SHINING 3D's cloud data platform enables data transmission, making it convenient for data transfer and communication between clinics and dental labs.

Unparalleled Accuracy

Over 96% of the surface points fits within $\pm 0.1\text{mm}$

Outstanding Uniformity

High luminance uniformity achieves up to 90%

Beyond the Limits

Provides not only the possibility to obtain features smaller than a pixel, but also superior surface finish.

Large Print Size, 4K Resolution

192*120mm printing size and 4K resolution satisfy the demands of users for efficiency and details.

Reliable Performance

Industrial Grade Optical

High quality optical module with long-life components

State-of-the-Art Robustness

AccuFab-L4D's 5 million layers tested in real dental clinic condition provides state-of-the-art reliability.

District Cooling System

DCS (District cooling system) maintains the temperature of working screen under 40, while extending the 3D printer lifespan significantly.

Multiple Material Options

Shining Dent covers a wide range of materials for dental 3D printing applications, includes dental model, ortho model, surgical guide, castable wax and gingiva mask.

Professional Dental Software

Plug and Play

Guided interactive operation provides gentle learning curve

Free Updates

Push update of software and material packages

Accuracy Calibration Wizard

Step by step guide for accuracy calibration

Ackuretta DentiQ

3D Printer



DENTIQ is a highly precise chairside 3D printer designed to provide an intuitive experience for every dental professional.

DENTIQ is an intuitive, beginner friendly 3D printer that helps dental professionals stay ahead in the industry by ensuring consistency and quality in every print. Remote diagnostics for machine repair, easy component replacement makes owning DENTIQ effortless and rewarding.

Same-day Chairside Dentistry

Form and function geared towards clinical users for a better patient care

150+ Prevalidated Materials

Tested, approved and certified 3D printing materials so that you can confidently print and produce repeatable results.

2-year Warranty

DENTIQ is built to last - Ackuretta stands by its promise of high quality manufacturing and offers you an across the globe and in this industry unprecedented, 2 year warranty.

Minimal Learning Curve

Digital dentistry has never been more accessible than with our plug & play 3D printing solutions. Go from unboxing to printing within 30 minutes.

47 µm High Resolution

The 47 µm pixel size of the print screen produces smoother surfaces and repeatable results with a wide range of selected materials. The bottom line is a better mouth feel for your patients.

Premium Ownership Experience

Fully validated, turnkey solutions along with complete training and responsive support. Remote diagnostics for machine repair, easy component replacement, a built-in Vat cleaning function.

User-centric design

The angled touchscreen allows for more comfortable operation while the swivel hood provides easy access and prevents resin contamination. The leak-proof and locking vat frame keeps things in their place and the vat can now be put down onto flat surfaces.



3D Printers leasing starting from €50 + VAT a month

Ackuretta CLEANI washer

3D Printer Washer



CLEANI is designed with dual tanks for a two-stage cleaning process that allows for heavy and fine washes. Engineered to endure the most demanding dental workflows, CLEANI helps you to increase efficiency and save time thanks to its gentle vibrations that minimize your 3D print damage or breakage.

- Save 50% alcohol consumption in the cleaning process
- Clean 90% Resin Residue with less time and effort
- A seamless move from printer to the washer
- Clean both the build platform and prints in one move
- Dual tanks for an optimal 2-stage cleaning solution

Ackuretta Sol

3D Printer



Improve your workflow outcomes with this cutting-edge yet super-easy-to-use dental 3D printer.

The perfect same-day chairside solution for digital dentistry. SOL sets the bar for high-speed and high-precision 3D printing. Achieve three times the speed of a regular LCD printer and maximize accuracy thanks to its 95+% LED light uniformity. The dynamic LED auto-selects curing areas to enhance accuracy and extend component life.

Minimal Learning Curve

Digital dentistry has never been more accessible than with our plug & play 3D printing solutions. Go from unboxing to printing within 30 minutes.

150+ Prevalidated Materials

Create unique 3D prints using premium resins developed by all the industry-leading manufacturers. Have the world of quality same day dentistry at your feet with SOL.

2-Year Warranty

SOL is built to last - Ackuretta stands by its promise of high quality manufacturing and offers you an unprecedented, Industry-leading 2-year global warranty.

Calibrated For Extra Curing Consistency

With SOL's unique 54 LEDs panel and dynamic optical light engine only the printing area is cured, prolonging the lifespan of the LCD screen tenfold and ensuring ultra-accurate prints. SOL minimizes the need for user maintenance and maximizes the potential for excellent results with every print.

Super Smooth Surface Finish

SOL is a top-notch 3D printer that helps dental professionals to ensure consistency and quality in every print. 3D print naturally feeling, smooth and perfectly fitted dental applications thanks to its 49 μ m XY resolution.

Monochrome LCD Print Screen

SOL's monochrome LCD screen let's you print faster than ever before. Increased UV light transmission combined with the dynamic light engine guarantee ultra-accurate results and a LCD screen that withstands even the most challenging dental workflows.

3D Printer leasing starting from €50 + VAT a month

Ackuretta CURIE

Post Curing unit



The most versatile UV oven for 3D printing equipped with a sophisticated UV-light source management system to enable users to do more in less time and space.

Plug & Cure

Compact & Efficient

Engineered to offer sufficient curing chamber space while maintaining a minimalistic aesthetic that matches every dental clinic and lab

Easy-To-Use

Preloaded optimal curing times database available at the turn of a dial and touch of a button

Smartest UV Oven

Smart UV-light management system.



Ackuretta UV BOX

Post Curing Unit



The Ackuretta UV Box is a compact curing oven lined with long-life ultraviolet LED lights for enhanced curing performance. The reflective stainless steel chamber and bottom mirror surface provides even curing to all sides. The UV Box is designed with two modes, continuous and flash, to ensure all resins that react to wavelengths 365, 385, and 405nm can cure completely and efficiently, with strengthened print hardness.

Small carbon footprint
Mirror reflection enhances curing performance
365/385/405 nm mix matrix LEDs for a thorough cure
Flash function 10 flashes/second strengthens print hardness
Suitable for Class 1 materials



Ackuretta Curo

Resin Range



3D Printing Resin prices starting from €85 + VAT per bottle

The new CURO range is a complete and versatile resin portfolio, specifically designed for dental 3D printing, enabling dental professionals to print a wide range of dental applications. It is designed to produce high-performance prints that look, feel and perform precisely as you want. Our new CURO line comes with an extended 2-year shelf life, and a unique curing window of 385 nm and 405 nm, which allows across-the-board compatibility with most DLP and LCD-based polymer 3D printers in the market.

CURO PROSPLINT SOFT is a transparent Class IIa biocompatible material, ideal for printing splints, and night guards. With ProSplint Soft dental professionals are able to deliver comfortable, clear, and durable solutions to their patients.

Application: Dental Splints & Occlusal Guards

- Maximum Comfort
- High Break Resistance
- Easy to Polish
- Content 500g



CURO GINGIVA has been designed to perfectly mimic the feel and appearance of real life gum tissue. The soft and flexible texture makes it ideal for creating gums for implant models.

Application: Gingiva Masks

- Natural Aesthetics
- Flexible & Soft
- Content 500g



CURO CROWN is a Class IIa biocompatible resin made for printing temporary crowns and bridges. The prints produced are tasteless, durable, abrasion-resistant, and have a natural tooth aesthetic.

Application: Temporary Crowns & Bridges

- Natural Aesthetics
- High Strength
- Long Term
- Content 500g





CURO PROCAST offers dental professionals a clean burnout process, with minimal distortion and highly accurate prints for investment molding. Whether printing a substructure, frame or crown, our new casting formula will consistently provide smooth surfaces with the finest of details.

Application: Cast Partial Frameworks, Crowns & Bridges

- Smooth Surface Finish
- Residue-Free Burnout Process
- 80% Polymerization Shrinkage



CURO PRODENTURE is a class IIa biocompatible material meticulously designed for printing denture bases. Tasteless, resilient and long lasting are just some of the attributes associated with this material. 3D printing denture bases fits in seamlessly into the traditional workflow, while also increasing efficiency and reliability.

Application: Denture Bases

- Natural Aesthetics
- Long-lasting
- Stainable
- Content 500g



CURO IBT is a Class 1 biocompatible material that guarantees brackets are set efficiently and precisely. With great transparency, flexibility and a fast post-printing procedure, CURO IBT cuts chair time for bracket placement by 80% while increasing treatment accuracy.

Application: Indirect Bonding Trays

- Great Transparency
- Non-Stick Properties
- Balance Between Flexibility & Rigidity
- Content 500g



CURO GUIDE resin is an autoclavable, transparent and rigid material designed for printing surgical guides for implant placement surgery. With high tensile strength and Class 1 biocompatibility properties, CURO Guide is the ideal tool to achieve more accurate results.

Application: Surgical Guides

- Autoclavable
- Class 1 Biocompatible
- High Tensile Strength
- Content 500g



CURO TRAY allows dental professional to create custom fast-printing, durable and biocompatible impression trays. Tough mechanical properties allow the printed trays to withstand the most powerful of human bites, allowing for the most accurate impressions.

Application: Impression Trays

- Improved Impression Accuracy
- Great Adhesion with All Types of Impression Materials



CURO PRINTING models with a smooth finish and minimal shrinkage during post-processing are fundamental traits of a class-leading material such as Element. Perfect for diagnostic wax-ups, aligner thermoforming and more.

Application: Models & Dies

- Smooth Finish
- Minimal Shrinkage
- Highly Accurate Details
- Available in 1kg and 500g

Flexcera Base Medium Pink

Introducing Flexcera™, a new resin for the fabrication of beautiful, functional dentures with ceramic-like strength. Available as Flexcera™ Smile and Flexcera™ Base and formulated exclusively for use with EnvisionTEC™ and Desktop Health™ 3D printers.

ENV-RES-01-3241

€399.95



Flexcera Smile A1

Introducing Flexcera™, a new resin for the fabrication of beautiful, functional dentures with ceramic-like strength. Available as Flexcera™ Smile and Flexcera™ Base and formulated exclusively for use with EnvisionTEC™ and Desktop Health™ 3D printers.

ENV-RES-01-3234

€499.95



E-Model Beige

E-Model Beige printing material for DLP and cDLM 3D printers is the perfect choice for orthodontic models for thermoforming aligners over.

High green strength for added strength and stability during the build, resulting in lower shrinkage and curling.

Quick and easy cleanup of the models is possible due to this resin's low viscosity.

Dental applications:

Crown and bridge models

Orthodontic models

Implant models

Clear aligner models

Diagnostic models

€175

RES-01-5022



E-Guide

For the production of surgical drill guides

The E-Guide is a biocompatible certified Class I material, developed for the production of high precision surgical drill guides for use in implant surgery. The results produced by combining E-Guide with EnvisionTEC technology are superior to traditional methods of manufacturing implant placement guides.

Use for:

Surgical guides

Pilot drill guides

Drilling templates

Device sizing templates

RES-01-3212

€300





CEREC Primemill

The all-new CEREC

The latest generation of our CEREC system sets new standards so you can offer your patients an unmatched combination of single-visit dentistry and excellent quality.

A unique solution

The CEREC system comprises world-class components that interact perfectly ensuring seamless workflows. With CEREC Primescan, CEREC Software 5 and CEREC Primemill, digital chairside dentistry is faster, easier and more reliable than ever before.

Outstanding results

After 35 years of continuous optimization, CEREC gives you the options you need to treat multiple indications with the confidence that comes from outstanding results.

Designed to stand out – and fit in

The new CEREC Primemill does not just communicate seamlessly with other CEREC devices. For its sleek design, it is the perfect match – and the ideal look for a progressive dental practice.

- Natural looking restorations with smooth surfaces, very precise results and perfect fit
- The fastest milling unit on the market saves valuable time for patients and increases productivity for users – it can produce beautiful and precise zirconia crowns in as little as five minutes.
- Wet and dry milling and wet grinding for a very broad range of materials offer an optimal choice for every situation

Milling Machine leasing starting from €500 + VAT a month

PlanMill 30S

Planmeca PlanMill® 30 S is an excellent choice for clinics looking for a reliable and cost-effective dental milling unit. The single-spindle unit has been designed for highly precise fabrication of dental restorations.

Versatile dental milling

With Planmeca PlanMill 30 S, you can create a wide range of dental restorations, such as crowns, veneers, up to 6-unit bridges and hybrid abutment crowns. You can choose from a broad range of materials, such as glass ceramics, hybrid materials and zirconia, and select the one best suited for your treatment.

Intelligent functions for highest precision

The rotary axis of Planmeca PlanMill 30 S enables milling both sides of a block with a single high-speed spindle quickly and accurately, taking only 11–13 minutes per restoration. The unit's linear motors, smart tool paths and optimised milling strategies for each material guarantee high-quality restorations that fit precisely.

Maximum performance at an affordable price

Planmeca PlanMill 30 S is a cost-effective choice for fast and accurate in-office milling. To ensure maximum performance, the milling unit has been designed with the future in mind and built from durable components for everyday milling. With regular software updates and new features, you always have a state-of-the-art solution at hand – now and in the future.

Effortless milling with minimum user attention

With an integrated computer, Planmeca PlanMill 30 S is easy to operate by anyone of the dental staff. The current operator can simply insert the required block material shown on the built-in computer screen. Planmeca PlanMill 30 S then automatically selects the proper tool for the restoration, and also detects and replaces worn or broken burs.



CEREC MC X5



Freedom of processing for dental technicians

The inLab MC X5 was designed as a universal five-axis production unit to meet dental laboratory requirements for cost-efficient production. Dentsply Sirona offers your laboratory more independence in terms of material and indications as well as the processing of external CAD data.

Universal

Wet/dry production unit for ceramic, polymers and metal

Precise

High-end block and blank control with 5-axis machining

Convenient

Simple, fast change of materials and tools

The inLab MC X5 is an open production unit. It is the perfect complement to the inLab components inEos X5 and inLab software but can also be used to process other STL restoration data, including implant-supported restorations with screw access channels. Having its own CAM module, the unit can be connected flexibly to other CAD systems.

The inLab MC X5 is a universal production unit for processing zirconia, polymers, composites, wax and sintering metal, as well as glass and hybrid ceramics. The dental laboratory essentially has a free choice of materials. Choose among Dentsply Sirona's own brand of CAD/CAM materials and a great variety of CAD/CAM material partners for high-quality materials to which the inLab MC X5 processes were specifically adapted.



Milling Machine leasing starting from €500 + VAT a month

PrograMill PM3

Flexible processing and impressive

High precision and consistent results are the distinguishing features of the PrograMill PM3. In addition, the 5-axis milling machine provides great flexibility. It can process a diverse range of materials for a versatile spectrum of applications in both wet and dry operation.

The PrograMill PM3 is more than an entry-level dental mill: It offers technical sophistication, intuitive operation and high-quality results. With this mill, you are well equipped for the digital future.

Flexible processing

- Milling in wet and dry operation (hybrid operation) – due to Active Air Suction
- 13-position automatic tool changer
- Fully automated material management based on RFID technology

Intuitive operation

- Integrated user interface with touchscreen display
- Straightforward material and tool management
- Clearly structured job management

Powerful performance

- Highly dynamic and productive operation based on servo drive technology
- Full variety of materials and applications due to simultaneous 5-axis kinematics

ivoclar



PrograMill PM7

The highest standards and most versatile

If efficiency and performance are what you are after, then the high-performance PrograMill PM7 is the right choice for you. This machine is suitable for a versatile variety of materials and applications in wet and dry operation. Equipped with a high-performance spindle, the high-power 5-axis milling machine efficiently produces restorations that are distinguished by their outstanding surface quality and excellent accuracy of fit.



Minimal cleaning effort

- In-built ioniser: neutralizes the static charge of the acrylic shavings produced when processing PMMA (e.g. Ivotion) so that these shavings can be easily evacuated
- Automatic self-cleaning function due to Active Air Suction

Autonomous operation

- Automatic change between wet and dry operation (hybrid operation)
- 20-position automatic tool changer
- 8-way material changer (for up to 8 discs and 48 blocks) and fully automated material management based on RFID technology

Intuitive operation

- Integrated user interface with touchscreen display
- Straightforward material and tool management
- Clearly structured job management

Maximum performance

- Highly dynamic and productive operation based on servo drive technology and high-performance spindle
- Full variety of materials and applications due to simultaneous 5-axis kinematics
- 970 Watt power for precision results

Milling Machine leasing starting from €500 + VAT a month

PrograMill DRY

Milling zirconium oxide professionally

PrograMill DRY is a compact CAD/CAM dry milling machine and combines coordinated processes with high-quality materials, mature technologies and comfortable handling.

Produce precise zirconium oxide crowns, bridges and innovative dentures using a reliable and fast method. Enjoy the ultimate in flexibility with a system that focuses on reliability and speed.

Mill restorations from zirconium oxide and a range of PMMA materials, such as Ivotion for the digital production of complete dentures.

The compact and specialized system solution featuring easy handling, familiar processes and comprehensive support services.

Compact dry milling machine

- Ideally suited for the fabrication of restorations made from zirconium oxide, e.g. IPS e.max ZirCAD Prime
- Suitable for milling acrylics
- Automatic tool changer (16 tools)
- Flexible placement in the laboratory; little space needed

Fast and easy change of material discs

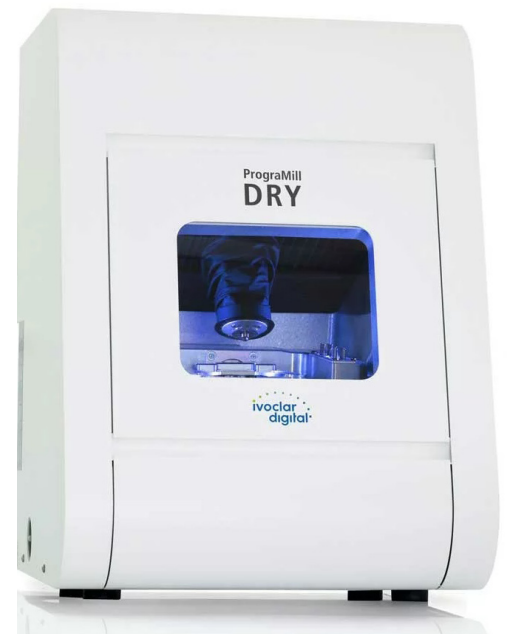
- Integrated quick clamping system
- Easy no-tool change of materials
- Fast and user-friendly handling

Coordinated workflow

- Fast, easy and reliable fabrication procedure
- Process reliability and time savings due to coordinated processes and materials
- Comprehensive support

For the fabrication of:

- Inlays, onlays, veneers
- Partial crowns, crowns
- Bridges
- Digital complete dentures



Programat S2 Furnace

Your modern expert for high sintering accuracy

ivoclar

Programat S2 is a compact furnace designed for sintering copings, frameworks and full-contour restorations made of IPS e.max ZirCAD or other zirconium oxide materials using a temperature of up to 1600°C. Programat S2 is integrated into the Ivoclar workflow, providing optimally coordinated processing steps and consistently high-quality results.

Until recently, these processes would usually have taken five to eight hours to complete. Now, Programat S2 reduces the time required for sintering an IPS e.max ZirCAD crown coping to about 75 minutes[1]. With the Programat Dosto tray, approx. 40 single crowns can now be sintered at the same time in a single firing process, instead of only 25 as before.

Modern design and intuitive operation

- Optimized firing tray for more space and better cooling
- New membrane-sealed keypad with proven colour touchscreen display
- Extension of OSD display to include the operating status “cooling”
- Efficient and reliable performance due to software optimizations
- Calibration option
- Calibrate your Programat S2 furnace easily and quickly using the step-by-step instructions.

Many programming options

With a choice of three heating stages and two cooling stages, the sintering program offers a host of programming options for Ivoclar zirconium oxide materials.

Sintering temperature up to 1600°C

The homogeneous heat distribution of the heating elements allow you to achieve optimum sintering results with temperatures up to 1600°C.



inLab Profire

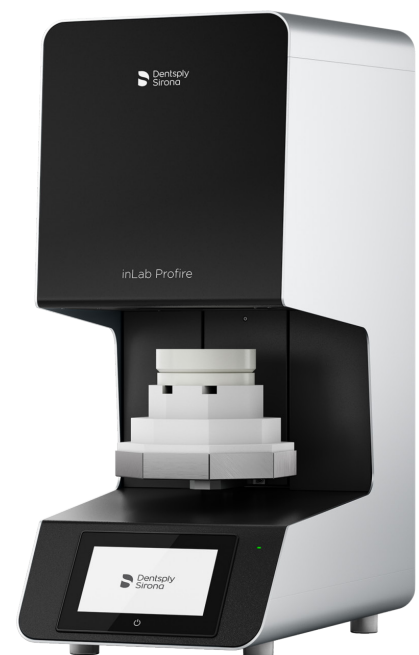
Dentsply Sirona

The inLab Profire sintering furnace combines proven process technology and convenient operation – for more process reliability and reproducible sintering results in the dental laboratory.

High-grade heating elements as well as homogeneous temperature distribution in the furnace chamber provide precise temperature control throughout the sintering process, for high quality sintering outcomes and reproducibility.

Why choose inLab Profire?

- Sintering of zirconium oxide and sinter metal* in just one furnace
- Conventional long-term sintering of zirconium oxide
- Speed sintering for single restorations, frameworks and bridges
- “Dry & Sinter” – Sintering with pre-drying
- Simultaneous sintering of up to 60 units when stacking two sintering trays
- Preprogrammed for validated sinter materials
- Optional free programming



IPS e.max ZirCAD Prime & Esthetic

The ultimate zirconium oxide

ivoclar

Redefining esthetics

IPS e.max ZirCAD Prime delivers a superior level of quality and high-end esthetics in zirconium oxide restorations. Furthermore, optimized workflows enhance the efficiency and profitability of your dental lab. The Prime product family includes IPS e.max ZirCAD Prime and IPS e.max ZirCAD Prime Esthetic, which complement each other in terms of their material composition and their range of applications.

Two products that complement each other to the max

IPS e.max ZirCAD Prime is the all-round disc for a wide variety of applications and techniques

IPS e.max ZirCAD Prime Esthetic is a specialist disc that allows natural-looking crowns to be created efficiently



Full range available. Please contact us for more information

Ivotion

ivoclar

Digital dentures made of Ivotion are milled from one disc in a single uninterrupted milling process without time-consuming manual working steps.

Ivotion forms part of the Ivotion Denture System, offering an efficient monolithic solution for the digital production of patient-specific complete removable dentures.

Impressive efficiency with fewer manual working steps

- Uninterrupted milling process
- No denture tooth bonding process required
- Straightforward to complete: mill and polish - done

Convincing materials for permanent complete dentures

- High-quality PMMA material for long-lasting removable dentures
- Direct chemical bond between tooth and denture base material

High predictability and accurate planning

- Integrated into a seamless workflow
- High precision thanks to detailed data capture, precise scanning and designing and high-quality production using PrograMill milling machines

Multiple fields of application in removable prosthetics

- Complete dentures
- Single complete dentures
- Implant-supported dentures
- Duplicate complete dentures
- Immediate complete dentures
- Overdentures with two attachments



Tessera Blocks

Dentsply Sirona

- CAD/CAM blocks that provide outstanding aesthetics for a truly tooth-like restoration
- High biaxial strength for restoration longevity
- Faster total processing time for greater patient satisfaction and a more profitable procedure
- Exceptional three-way performance



Full range of Tessera Blocks available. Please contact us for more information

DENT-5365431215

Initial Lisi Block Cerec

GC

- Initial LiSi Block is a fully crystallized lithium disilicate block that delivers optimal physical and aesthetic properties without firing
- The unique ultrafine crystal makes it easy to grind and can be quickly milled in its fully crystallized stage
- Available in four aesthetic shades and two translucencies.
- When more characterisation is required, the Initial ceramic line comprises fully synergistic aesthetic solutions



Full range of GC Initial Lisi blocks available. Please contact us for more information.

GC-012920

IPS e.max CAD for Cerec & inLab

IPS e.max® CAD is the world's best-selling glass-ceramic. It is suitable for the efficient fabrication of full-contour restorations and is known for its versatile application options, comprehensive range of processing options and for its high strength of 530 MPa.

IVOC-605319

ivoclar



Full range of IPS e.max CAD blocks available. Please contact us for more information

InLab MCX5 Diamond Burs

Dentsply Sirona

- These diamond grinding tools are used in the inLab MC X5 in the grinding process for work pieces or dental work from blanks in block or round form



Full range of InLab MCX5 Diamond Burs available. Please contact us for more information.

AutoScan-DS-MIX Desktop Scanner

ULTRA-FINE DETAILS

Thanks to dual 5.0 MP high resolution cameras, AutoScan-DS-MIX can perfectly capture edge lines of abutments and features of scan bodies.

HIGH ACCURACY

Scan accuracy $\leq 7\mu\text{m}$ assures reliable scan result.

HIGH EFFICIENCY

AutoScan-DS-MIX supports high efficiency scan mode: 13 seconds for scanning a full arch. With All-in-one scan it can improve scan efficiency by approx. 30%.

ALL-IN-ONE SCAN

Non-separated full jaws scan improves scan process efficiency by approx. 30%

INTELLIGENT ADD-SCAN

With the scan software supporting automatic detection of unscanned surfaces and automatic add-scan, AutoScan-DS-MIX offers intuitive user experience.

SCREW CHANNEL SEALING

Users can seal the screw channel in the scan software, which optimizes the scan workflow.

HIGH COMPATIBILITY

Export .stl and .ply format, flexibly integrated in CAD/CAM solutions.

ARTICULATOR SCAN

AutoScan-DS-MIX supports not only dynamic and static two scan modes for most common articulators, but also supports articulator transfer for Artex, Kavo, SAM and Bio-Art.

VERSATILE APPLICATION

AutoScan-DS-MIX supports multiple dental scan applications, including abutment, scan body, articulator, veneer, non-separated model, all-in-one, impression, texture etc.

SHINING 3D
DENTAL



inEos X5

Dental Lab Scanner



The scanner allows you to make scans for nearly all indications and is your lab specialist for every digitization task. The open scanner combines simple operation with object-specific scanning strategies – for complete freedom of application.

Proven Accuracy

The accuracy of the results of the inEos X5 with inLab CAD SW 16 was verified according to DIN EN ISO 12836:2015. The demonstrated accuracy on standard “bridge” test specimens was at $2.1 \pm 2.8 \mu\text{m}$, and on standard “inlay” test specimens, $1.3 \pm 0.4 \mu\text{m}$.

Intelligent scanning technology

Unique 5-axis scanning technology and large working area with its robot arm

Comfortable

The large operating range allows positioning of most common articulators and gives fast, unobstructed access to the scan object.

Open

STL data export for a free choice of design and production components

Intuitive interface

Clear software interface and intuitive operation result in digital models with just a few clicks. The inEos X5 scanning technology enables enhanced user guidance to make even the most complex digitization task user-friendly and intuitive.

Particularly in the case of digital dentures, the scanner is ideally suited for the accurate capture of all relevant information from functional impressions and bite registration.

Applications

Impression scan The inEos X5 scans many different shapes and sizes of impression trays with no difficulty.

Triple tray scan The lower and upper jaw together with the bite registration can be scanned from a triple-tray impression tray for smaller jobs.

Manual scanning Smaller jobs with only a few prepared teeth can be scanned quickly and efficiently in manual mode.

Open scanner The model data collected with inEos X5.

Rapid scanning Full-arch models are digitised in less than 60 seconds thanks to the large scanning field.

Multi-die scanning Up to four prepared dies are scanned automatically and inserted into the digital model with no manual interaction.

Texture scan Marks on the model are detected for visual support, for example in partial-denture design using the inLab CAD software.

Wide operating range Allows the positioning of most common articulators and gives fast, unobstructed access to the scan object



PrograScan PS3

Dental Lab Scanner



The PrograScan PS3 offers intuitive operation and high-accuracy results you can rely on.

Integrated workflow for better results

Precision, reliability and ease of handling - our PrograScan lab scanners have it all. They are optimally integrated into Ivoclar's digital workflow and all the technologies, software programs and materials are coordinated with each other. Scanning is made easy with the integrated DentalCAD software from exocad. High process reliability enables you to enjoy time savings and reliable results.

Useful options

AutoSave allows you to pause the scan process any time you want, giving you greater flexibility

Automatic scan data matching streamlines the working process and saves time

Optimized scan results

Integrated pattern technology generates high-resolution scans

Rescan function maximizes the amount of data captured

Coordinated processes

Integrated into the Ivoclar Digital workflow

High process integrity and reliability

Powerful exocad DentalCAD software

Areas of applications

Crowns

Bridges

Bite guard splints



inLab CAD Software 22.0



The inLab CAD Software is a separate CAD component and is nearly independent of the scanning and production unit. inLab CAD Software convinces with needs-based indications and user-friendly application.

You have a broad range of indications beyond basic applications you can select with inLab CAD Software. Four software modules cover the most important indications.

Modular and individual

With design modules for basic indications as well as for implant and removable prostheses, and interface module as add-ons.

Open and economical

The standalone CAD components are open to allow flexible STL integration. Profit from the versatile usability of the software modules and the vast range of indications.

Intuitive and familiar

The intuitive user interface guides you quickly to the design steps you need. The virtual articulator and the jaw-oriented biogeneric setting assist you in creating your individual prosthesis design.



The inLab CAD Software Modules

Basic module

Basic indications, design tools and access to digital impression with Connect Case Center.

Implantology module

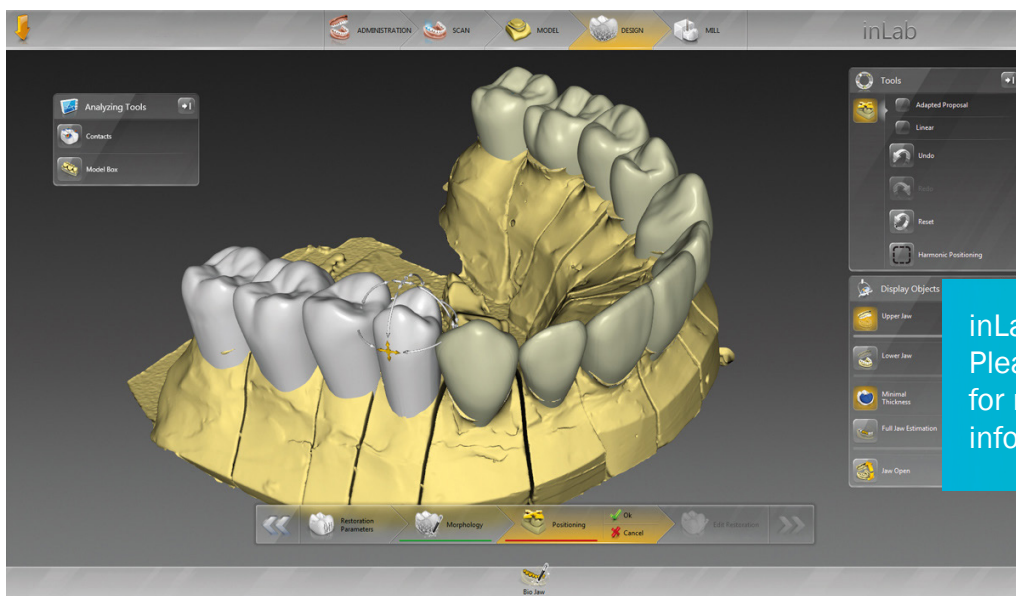
Custom abutments, screw-retained bridges and bars, surgical guides.

Removables module

Cast-metal partial dentures for permanent restorations, as well as splints and trays.

Interface module

For a CAD/CAM process including solutions from other manufacturers.



inLab CAD Software 22.0
Please contact us
for more
information.

Sirona Orthophos S



The high-quality 2D/3D x-ray device with a comprehensive range of services for every practice. Whether as a pure 2D device or including a 3D module – the Orthophos S is a reliable partner and optimized for everyday tasks. Its Csl sensor with autofocus function ensures clear images, even in anatomically difficult cases. The patented occlusal bite block automatically positions patients. For use in orthodontics, the Orthophos S is also available with an optional ceph arm. And because future-proofing is important to Dentsply Sirona, the cephalometric arm can be retrofitted at any time.

Benefits:

With the Orthophos S 3D, your practice is equipped for a broad range of clinical tasks in 2D and 3D.

Sharp and autofocused images

Even in anatomically difficult cases with the 2D Csl sensor with autofocus function

Selectable volume sizes

From \varnothing 5 cm x 5.5 cm to \varnothing 11 cm x 10 cm

3D according to your needs

With the Low Dose and HD function, you can produce 3D images in the dose range of 2D X-ray and HD images with up to 80 μ m resolution.

Ceph arm on the left or right

For ceph images, can be ordered as an option or can be retrofitted at any time

Maximum consistency and reproducibility

Thanks to automatic patient positioning with the patented occlusal bite block

Safe and proven patient positioning

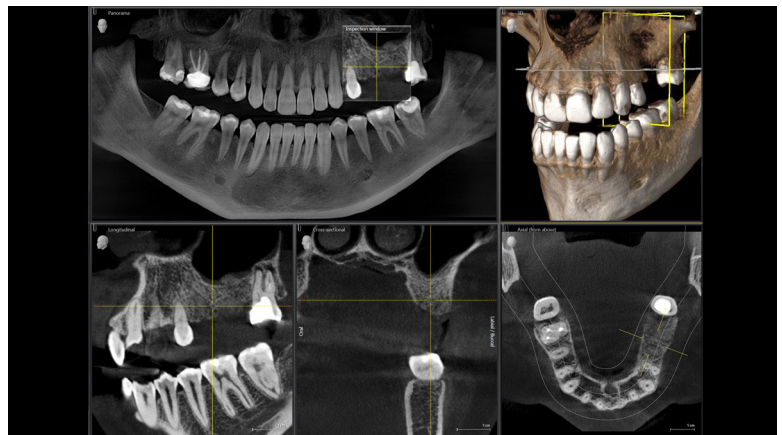
With motorized temple and forehead support, automatic temple width measurement, light localizers and sturdy handles

Easy to Use, Safe Positioning

- Orthophos S 3D offers unique, patented solutions:
- The intuitive user interface of the EasyPad
- Automatic positioning aids such as the occlusal bite block and the 3-point head fixation
- An integrated temple width measurement

Autofocus - Excellent Images, without any manual steps

The right focus is crucial for excellent panoramic radiographs. With the autofocus function you will automatically receive an image with the best possible sharpness in focus. Dentsply Sirona Imaging devices take several thousand individual images in one cycle and automatically identify the areas where the jaw is optimally positioned. Without any additional manual steps, these images are then displayed in a final sharp image.



ProMax 3D

Planmeca ProMax® 3D is a product family consisting of exceptional all-in-one units.

With three different types of three-dimensional imaging – as well as panoramic, extraoral bitewing and cephalometric imaging – these intelligent products can meet all your maxillofacial imaging needs.

Volume sizes

Maximum volume with a single scan

Ø5 x 8 cm or Ø8 x 5 cm

Maximum volume with multiple horizontal scans

15 x 10 x 5 cm or 9 x 6 x 8 cm

Planmeca ProMax 3D s has been designed with an emphasis on usability and patient comfort. Its smooth positioning and imaging workflow help make using the unit both efficient and enjoyable.



PLANMECA

Innovative patient movement correction

The ground-breaking Planmeca CALM® algorithm corrects patient movement artefacts from CBCT images. It can be applied either before or after imaging and is available as an option for all our 3D imaging units.

Detailed 3D imaging

Our endodontic imaging mode has been specifically designed for endodontic studies. It allows capturing 3D images that reveal even the smallest details. The mode's 75 µm voxel size guarantees a very high resolution.

High quality at a low dose

Planmeca Ultra Low Dose™ is our scientifically proven imaging protocol for capturing 3D images at an even lower dose than 2D images – without a statistical reduction in image quality. It can be used with all voxel sizes and imaging modes.

Advanced technology

- Ideal resolutions and patient dose levels that always comply with the ALARA (As Low As Reasonably Achievable) principle
- Optimal volume size and location for every clinical need
- Special imaging protocols for dental and ENT applications
- 2D and 3D with one sensor
- 3D Face Photo
- 4D Jaw Motion tracker
- 3D Model Scan

Effortless use

- Effortless patient positioning and unmatched comfort
- True all-in-one X-ray units not only for 3D imaging, but 2D panoramic and cephalometric imaging as well
- Easy to use for a smooth workflow
- Planmeca Romexis® software
- Mac OS and Windows support





CS 8200 3D Neo Edition

More powerful than ever, yet as simple as always, the Neo Edition of the CS 8200 3D delivers exceptional outcomes with unparalleled ease of use. Featuring an extended field of view that's ideal for practitioners who want to expand their treatment capabilities, this CBCT system is powered by our premium imaging technologies and delivers superb image quality in every modality. Practitioners will see the difference in the versatile imaging and will make a difference in every decision they make.

Benefits at a glance

- Versatile 2D/3D system ideal for offering more in-office services
- Broadest range of fields of view in its category
- Outstanding 2D/3D images thanks to the latest premium technology
- High-resolution 3D images with limited artifacts and noise
- Smart workflow and intuitive user interface streamline image acquisition
- State-of-the-art 2D/3D software for easy image review
- Exclusive CS UpStream premium support service available for further peace of mind

Please contact us
for latest pricing

PROVEN 2D/3D VERSATILITY

The CS 8200 3D blends 2D panoramic technology, CBCT imaging and 3D model scanning to create one powerful unit.

SELECTABLE FIELDS OF VIEW

Nine selectable fields of view, ranging from 4 cm x 4 cm to 12 cm x 10 cm, cover virtually all the diagnostic needs of dental and specialty practices.

NOISE-FREE, HIGH-RESOLUTION 3D IMAGES

At 75 microns, the CS 8200 3D delivers ultra-high-resolution images that are ideal for endodontic applications. Meanwhile, the ANR algorithm reduces image noise and preserves clinical details.

INTEGRATED DIGITAL SOLUTIONS

From scanning to treatment planning, Carestream Dental imaging solutions integrate seamlessly into your practice to provide a faster workflow and engage communication.

LOW-DOSE IMAGING

The low-dose mode delivers high-quality 3D images at the same or lower dose as a standard panoramic exam for safer examinations.

ULTRA-COMPACT AND SMART DESIGN

Compact enough to fit into tight spaces, the CS 8200 3D features the most intuitive workflow and laser-free face-to-face positioning.

POWERED BY CS IMAGING VERSION 8

Software connects all of our imaging and CAD/CAM technologies into one single platform—the first step to an effective digital workflow.