



Only CEREC® makes it possible.
Digital solutions for
Single Visit Dentistry.

dentsplysirona.com/CEREC

Versatile possibilities with CEREC®.

What makes you and your practice unique? Offer your patients the comfort of digital treatment processes with CEREC. For more than 30 years, CEREC has been synonymous with single-visit restorations. We have continuously developed and optimized CEREC, always keeping your needs and the expectations of your patients in mind.

Today CEREC's capabilities extend far beyond single restorations. The CEREC solution spectrum covers three key areas: restorative, implants, and orthodontics, both for chairside and clinic-to-laboratory workflows – allowing you to start where you want with CEREC. Impress your existing patients with the versatile possibilities of CEREC, and win new patients too. How you want to use CEREC in your practice is entirely up to you. You will be ready for the future.



Restorations

- Thanks to artificial intelligence excellent patient-specific initial proposals
- Intuitive operation of the CEREC software
- Large variety of materials
- Excellent milling and grinding results
- Extremely fast sintering and glazing with the innovative CEREC SpeedFire
- Direct connection of the lab of your choice to the practice

Implant Therapy

- Chairside implants with custom abutments or screw-retained crowns in one visit
- Placing implants with the cost-effective CEREC Guide, the fastest-made surgical guide on the market
- Time-saving implant planning thanks to mySimplant®
- Atlantis® abutments and crowns from Dentsply Sirona

Orthodontics

- Faster aligner treatment plan
- Digital storage and on-demand model creation with 3D printers
- Precise digital impression moldings
- Integrated tools for model analysis

dentsplysirona.com/indications – Discover the full spectrum of CEREC indications and the associated range of materials.

Primescan™

Enjoy the scan

An excellent choice for outstanding results, Primescan is your perfect starting point into digital dentistry. No matter how you like to design your workflows. Primescan is the enabler for the most efficient digital workflows – both inside your practice as well as with your preferred partners.



Accuracy. Usability. Speed.

What you see is what you get

The innovative Smart Pixel Sensor processes more than 1,000,000 3D points per second, producing photorealistic and highly accurate data. In fact, Primescan is the most accurate intraoral scanner on the market*. Its dynamic depth scan technology enables perfect sharpness and outstanding precision, even at a measuring depth up to 20 mm – a crucial advantage for sub-gingival indications. Due to Primescan's ability to scan at an incredible data density, it delivers complete 3D structures of everything in its field of view – from the very first scan.

Start scanning right away

Primescan offers continuous self-heating for fog-free scanning, which means you're always ready to go. Steep angles? Hard-to-access areas? Shiny materials? An easy job for Primescan. Thanks to the increased field of view, you'll be able to visualize larger areas with less scanner movement. The excellent scan results are instantly displayed on the touchscreen of the new Acquisition Center.

Take control of infection

Three different sleeves guarantee that you'll fulfill your practice needs as well as all general hygiene requirements. Choose from stainless steel sleeves with either sapphire glass or as an autoclavable option. Single-use disposable sleeves are also available.

Accelerate the process

Primescan's unique technology allows for easy capturing and quicker processing of more data in higher resolution. Intelligent processing in Primescan ensures optimum interaction with the software by transmitting exactly the data the software needs to proceed. The result: complete 3D-scan models are displayed immediately, no matter how fast you scan.

Enhance your connectivity

Thanks to validated and open data transfer options, laboratories and other partners receive high-resolution models in an instant. With Primescan, you benefit from the freedom to make the best choice of workflows for you and your patients.

* Mehl et al, Accuracy of complete- and partial-arch impressions of actual intraoral scanning systems in-vitro, Int J Comput Dent (publishing date: March 2019)

Primescan for high performance scanning

Digital impressions with Primescan deliver optimum results that satisfy patients and clinicians alike. Primescan impresses with its outstanding performance, it's easy to use, it features ultra-high precision sensors, and creates 3D models in photo-realistic and unsurpassed resolution immediately.



Reliable performance with Omnicam

The Omnicam is a proven, viable alternative to the new Primescan high-performance scanner. Omnicam is still among the smallest available scanners on the market. That makes it particularly comfortable to handle, and it scans in color without powder. Omnicam has won over users worldwide since 2012 and is always up to date with continuous software updates. With more than 7 million impressions per year, Omnicam is decidedly a proven intraoral scanning solution.



Precision and speed

The sensors ensure ultra-high resolution and model data density. Primescan can scan deep cavities and steep inclines, delivering precise digital models in a very short time.

Usability

Scanning with Primescan is simple and comfortable. Even novice users can quickly create impressive results.

Hygiene

With three different sleeve varieties, you can easily integrate the intraoral scanner into your hygiene workflow. The sleeves can be disinfected and autoclaved or disposed after use.

New hygiene protection sleeves



Autoclavable steel sleeve with single-use window



Single-use sleeve



Steel sleeve with sapphire glass window

dentsplysirona.com/primescan



Omnicam set the standard for impressing. Thanks to continuous software updates, it remains competitive to this day. Although the exterior design of the Omnicam will not change, it will be shipped with a new Acquisition Center effective immediately.

dentsplysirona.com/omnicam

CEREC[®] software.

A new software generation: CEREC 5 supports you with artificial intelligence that enables improved initial proposals, and the ultimate custom chairside restorations for each individual patient. This saves time and lets you move to production faster. You will benefit from the simple, clearly structured and visually appealing user interface that is operated via touchscreen or touch pad.

Quick and easy

It only takes 5 clicks to create a finished restoration. The optimized user interface features a well-structured menu and is easy to operate. The clearly arranged dialog windows allow for quick navigation. This now automates most of the workflow.

Intelligent and individual

The new software generation, CEREC 5, makes use of artificial intelligence to calculate better-than-ever initial proposals. It also automatically recognizes the indication of the restoration, based on the scan. The artificial intelligence component optimally calculates the model axis, preparation margins, and initial restorative proposals. With all this, you can fully focus on your patient.

Flexible and networked

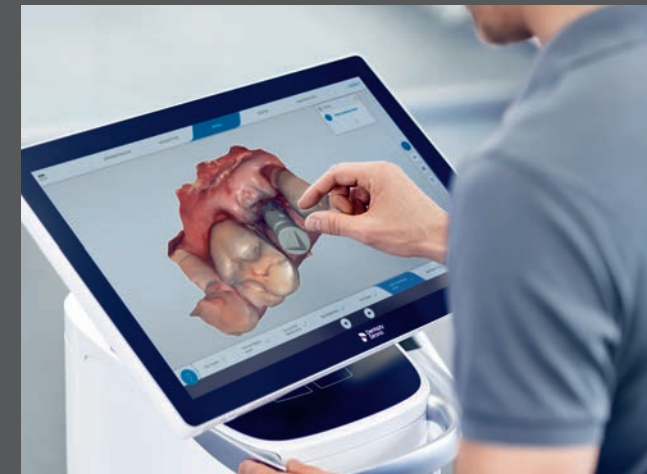
The export and import function of restoration data as a DXD file creates a seamless connection with the inLab[®] software of your lab. The direct upload of scan and model data from the CEREC software to the Connect Case Center makes collaborating with any dental lab much less time-consuming. The export of scan data as open STL files allows for versatile workflows and indications.



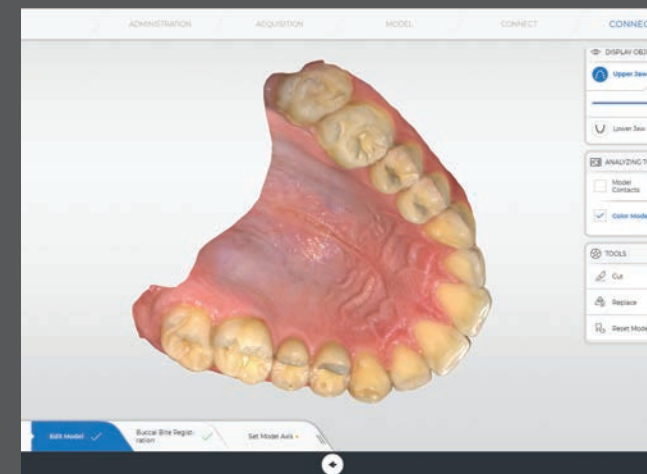
"In most cases, the initial proposal of the CEREC software is so good that I can move straight to production without any further modifications."

Dr. Mike Skramstad, Orono MN

AC acquisition unit.



The touchscreen interface enables intuitive operation.



The new CEREC[®] software offers photorealistic presentations.



The battery capacity also makes it suitable for mobile use.

Touchscreen

Use customary touchscreen gestures to naturally and intuitively operate the software. The smooth surfaces of the acquisition unit are particularly easy to clean and disinfect.

In contrast to a regular laptop, CEREC Primescan AC may be placed right next to the patient as an approved medical device.

Connect Software 5

The software with its new graphic user interface and touchscreen functionality offers high-precision digital impressions of the full arch as well as secure data transfer to your partners. It is included with each acquisition unit.

Ergonomics and design

The modern, elegant design of the CEREC Primescan AC meets the highest aesthetic and functional standards. The large touchscreen with glass surface can be moved in all directions to enable ergonomic work in every position as well as comfortable patient communication.

The battery charge of the AC lasts for 60 minutes of scanning and designing activity and up to 5 hours on standby, the device can not only be comfortably moved between treatment rooms, but can also be used during treatments without the need for a power outlet.

An excellent scan is just the beginning.



The integrated CEREC® practice

See pages 12 | 13

Chairside implantology

See pages 14 | 15

From practice to lab

See pages 20 | 21

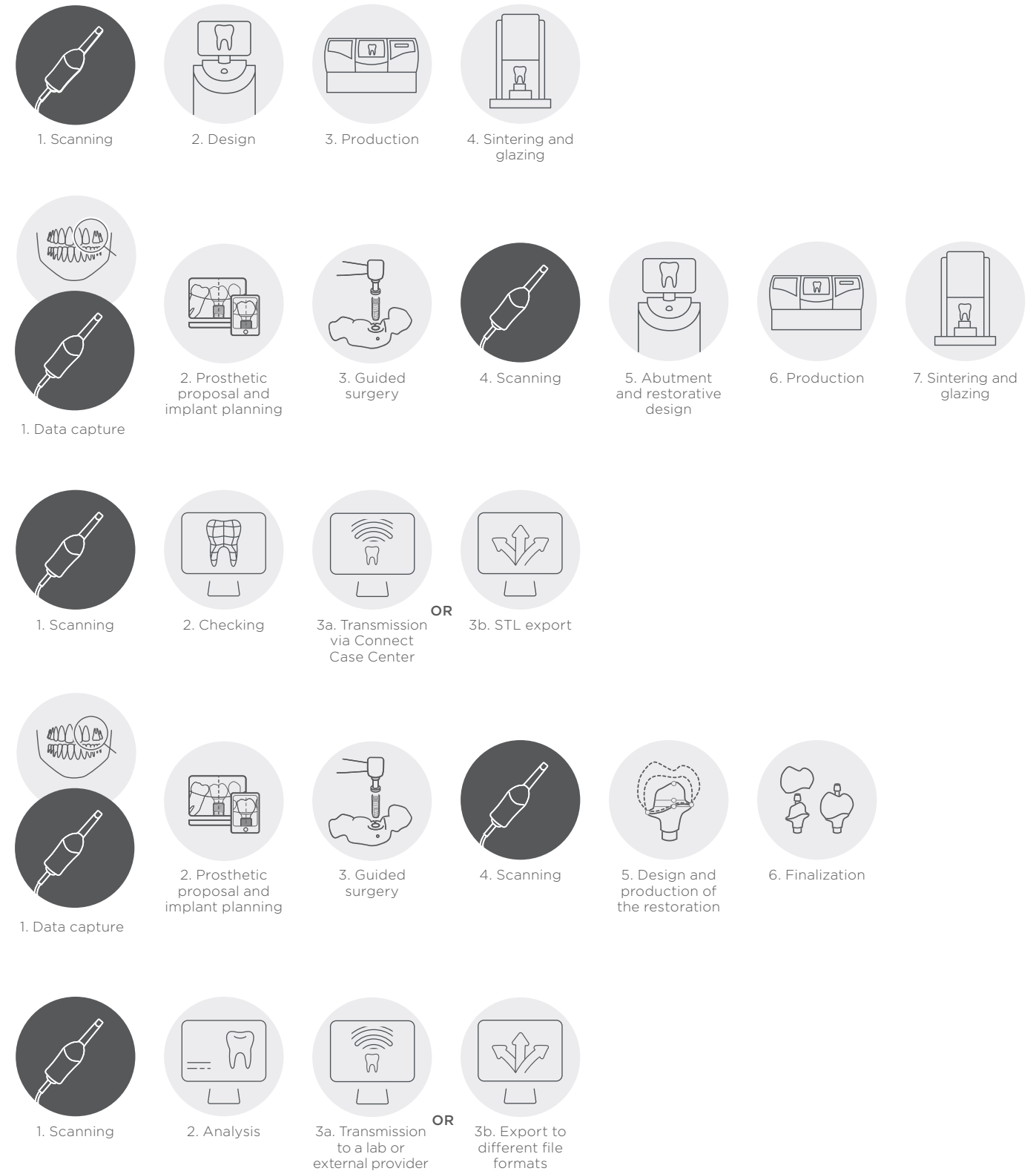
From practice to specialized partners implantology

See pages 22 | 23

From practice to specialized partners orthodontics

See pages 24 | 25

CEREC workflow solutions.

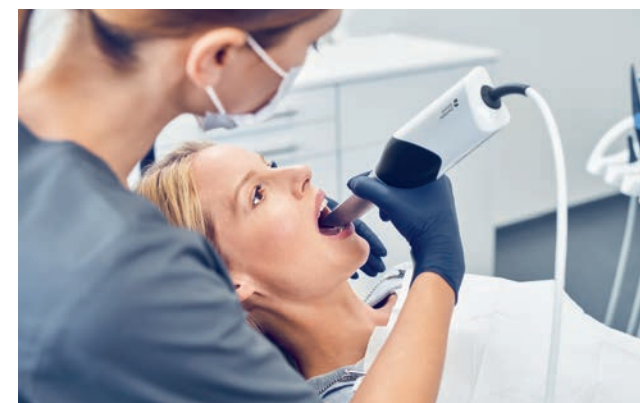
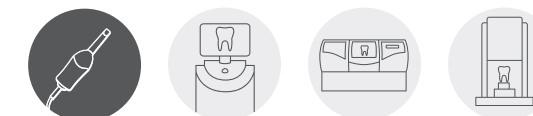


The integrated CEREC® practice.

Single-visit restorations.

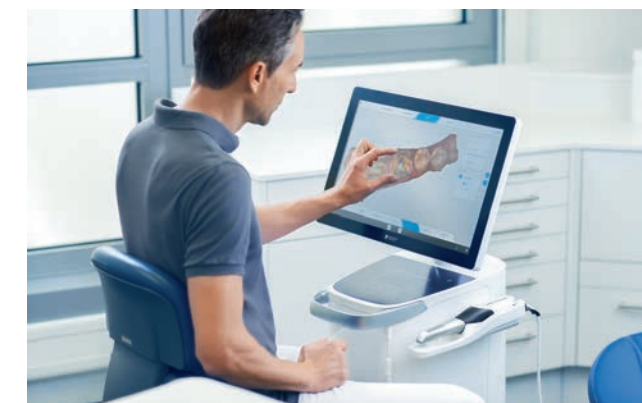
Imagine being able to offer your patients restorations in a single visit – with all commonly used materials. CEREC makes it possible. Regardless of the material, CEREC offers your patients fast and comfortable treatment without uncomfortable impression trays or annoying temporary restorations. It's a win-win situation: You will meet the highest expectations, and your patients receive the best possible treatment.

- Highly aesthetic restorations in a single session
- Maximum automation and excellent initial proposals, thanks to artificial intelligence
- Easy and intuitive software with touchscreen and gesture control
- Large variety of materials for both anterior and posterior solutions



1 Digital impression

Spare your patients the discomfort of conventional impression, and remove the swoosh of air bubbles or other flaws. Take digital impressions with CEREC® Primescan, our powder-free intraoral scanner. It makes scanning easier and more intuitive, while providing patients with a better practice experience. The precise 3D models in natural colors will impress both you and your patients.



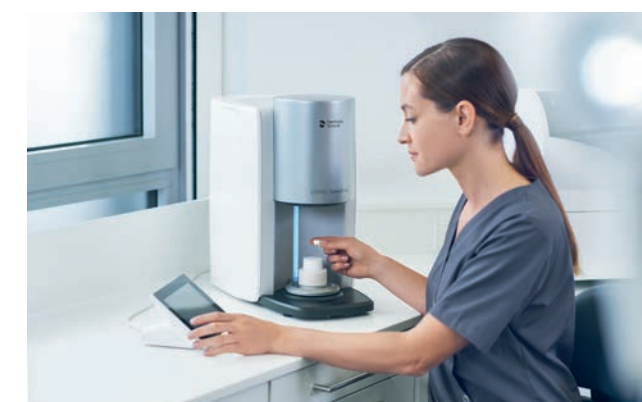
2 Design

The CEREC software creates outstanding design proposals, based on the unique Biojaw algorithm. Automatically reconstruct genuine tooth restorations that are customized for each individual patient. This saves time since the initial proposal is so accurate that you can generate the final design of your restoration in no time at all. You benefit from the simple, clearly structured and intuitive user interface.



3 Grinding or milling

The CEREC grinding and milling units and CEREC software by Dentsply Sirona are completely synchronized. The grinding or milling process for your designed restorations is extremely precise and creates smooth surfaces and margins, as well as ultrafine structures. The large variety of materials is optimally coordinated with the Dentsply Sirona manufacture software and production systems. Even zirconium oxide can be processed and placed in a single session.



4 Sintering and finishing

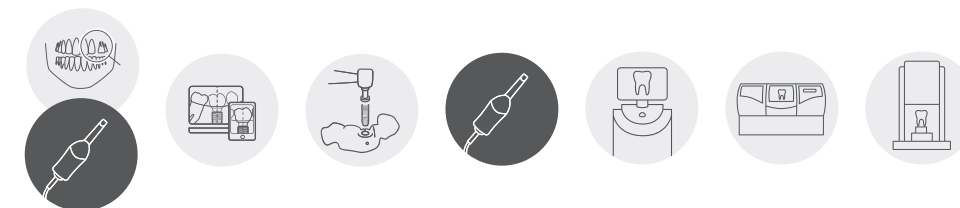
All-ceramic zirconium oxide restorations can be sintered and glazed in the CEREC SpeedFire furnace right in your practice. The induction technology of the furnace offers the shortest firing times, together with a completely automated process. In addition to zirconium oxide, all other glass ceramics can be processed.

Chairside implant therapy.

Place implants safely and precisely – in just a single session.

CEREC® is also an integral part of the safe and individualized chairside implant solution from Dentsply Sirona. That means CEREC not only enables you to create customized implant prosthetics, but also helps you plan the surgery and insert the implant. The prosthetic situation can be taken into account when planning the implant. This prosthetic-oriented planning ensures the implant properly positioned with the CEREC Guide surgical guide milled in the office.

CEREC is compatible with many different implant systems and enables the manufacture of individually designed abutments and crowns for cemented and screw-retained restorations, made from a variety of materials of the highest quality. Thanks to the introduction of CEREC Zirconia meso, you can now also quickly complete the implant with a screw-retained crown over Dentsply Sirona TiBase. This solution is particularly gentle on the gingival tissue due to its extremely high biocompatibility and extraoral bonding.



1 Data capture

During the first step, all scans that are necessary for planning are performed: intraoral impression for information about the soft tissue and to create a prosthetic proposal, as well as 3D x-rays. Both sets of data are needed for precise, prosthetic-oriented implant planning.

With the help of CEREC Primescan, digital impressions of freshly placed implants can also be taken. The implant prosthetic is then designed in the CEREC software in a few steps, finalized with a suitable grinding and milling unit and sintered with the CEREC SpeedFire, the smallest and fastest furnace. More information about prosthetics steps, please refer to pages 12 and 13. You'll need the CEREC Pro module for planning CEREC surgical guides. This module includes all necessary interface licenses.

dentsplysirona.com/implantology – Chairside implantology with CEREC

- Optimized clinical success and safety thanks to prosthetics-oriented implant planning and fully guided surgery
- Individual prosthetic with patient-specific abutment and crown or screw-retained crown
- Fewer treatment sessions thanks to the option of completing the implant directly after the surgical procedure



2 Implant planning

The data sets are brought together in the Sidexis 4 Imaging software. They allow implant planning and manufacturing of the surgical guide at a low price, in less than one hour with the help of a suitable CEREC® grinding and milling unit.

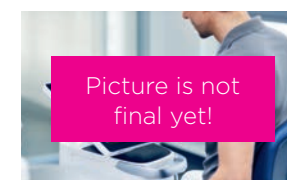


3 Guided surgery

Due to the precise transfer of the implant planning, the implant can be safely placed with CEREC Guide 3. Use CEREC Guide 3 for all Dentsply Sirona implant systems, or CEREC Guide 2 for implants by other manufacturers.



4 Scanning



5 Designing

Picture is not final yet!



6 Grinding/milling



7 Sintering/finishing

CEREC® grinding and milling units.

CEREC MC, CEREC MC X and CEREC MC XL Premium Package.

The CEREC grinding and milling units are optimally harmonized to generate excellent, long-lasting results within just a few minutes. The mechanical production of the restoration design is extremely precise, the surfaces and edges are smooth, and the fissures are very fine. All CEREC grinding and milling units are capable of dry milling. The restoration can be sintered right away, without any drying time. This makes restorations with full-contour zirconium oxide in a single session even faster.

Precise

With optimized treatment strategies and the finest tools, the tiniest details of the restoration design are replicated.

Versatile

Each material requires individual processing. Whether wet grinding, milling wet or dry – CEREC always has the ideal solution.

Fast

Depending on the application, material, and production option, a typical single tooth restoration can be produced with the CEREC grinding and milling unit within 4-12 minutes.



“In the past, treatments often took a long time. With CEREC, I received a complete crown in a single session – without a temporary restoration and without follow-up appointments. Now that’s what I call service!”

Meike Tramitz, patient



The new milling units are outfitted with the same high-gloss white housing with black trim to match the new AC acquisition unit perfectly.

CEREC® SpeedFire.

CEREC® SpeedFire is the smallest and fastest furnace available; it typically sinters a crown within 10-15 minutes. This means you can take advantage of the benefits of full-contour zirconium oxide during chairside treatments. If desired, a glaze can be applied with CEREC SpeedGlaze, which can be fired in just a few minutes in the CEREC SpeedFire. Then the restoration is ready to be set.

Automatic processing

The CEREC software sends the firing order to the furnace, including all necessary information.

Induction technology

... allows for record short sintering and firing times.

Only 10-15 minutes

... to sinter a full-contour zirconium oxide crown.



Intelligently networked

The CEREC software sends the order to the furnace, with all the necessary information.

Touchscreen display

Intuitive operation and high resolution.

Induction technology

Unparalleled short sintering and firing times.

LED status display

Differing colors indicate the current processing status.

Chamber

Space for up to three single crowns or for bridges with up to three pontics.

CEREC SpeedGlaze

Spray the sintered restoration evenly with CEREC SpeedGlaze. The subsequent glaze firing adds high gloss to the restoration.



reddot award 2016 winner

dentsplysirona.com/SpeedFire - See the CEREC SpeedFire in action.

CAD/CAM material.

Solutions for optimized workflows.

CEREC® ensures the economical, precise production of clinically proper and highly aesthetic restorations for your practice. CEREC offers validated processes for a large range of well-known material partners, as well as our own Dentsply Sirona materials solutions. These materials enable better, safer, and faster dental treatment. Each component of the CEREC process was developed to complement, strengthen, and improve the processing qualities of the entire system. This optimizes your workflows, saves time, and makes the results more uniform and predictable.

Celtra® Duo



With CEREC, you can process the Celtra® Duo block made of zirconium oxide enforced lithium silicate (ZLS) quickly and effortlessly. Thanks to the unique, ultrafine microstructure, there are two options for processing Celtra® Duo (ZLS): milling and polishing or milling and firing. No other block offers this level of freedom and flexibility in the workflow.



Celtra® Duo (ZLS) blocks, Prime&Bond elect* universal dental adhesive and Calibra® Ceram resin cement were developed to improve every step of the restoration process. When used as a system, they create a remarkably strong and lasting bond that you can trust.

CEREC Zirconia



The high strength of CEREC Zirconia offers advantages for dentist and patients alike. For example, a restorative treatment can also be performed under challenging spatial conditions. The preparations maintain the tooth structure and can be conventionally cemented when placed.



The self-adhesive Calibra® Universal resin cement was specially developed to improve the performance of CEREC Zirconia restorations and is easy to use with these. Tooth enamel (or dentin) doesn't have to be prepared with caustic or bonding agents - all you need to do is apply Calibra Universal to the restoration, and it can immediately be placed.

* The version of Dentsply Sirona Prime&Bond adhesive may vary depending on market availability.

From the practice to the lab.

Freedom of collaboration – secure data transmission.

When you work with the lab of your choice, there are different workflows available to you. You can transfer data with the open STL format; however, the responsibility for the data transmission and the associated due diligence remains with you. If you prefer not to worry about any of this, make use of our validated processes. Transmit your data securely – in anonymized format, if desired – to your dental lab via the Connect Case Center: It only takes a single click. Regardless of the software your lab uses. If your lab uses the inLab® software or uses a validated software partner, additional information (such as color) will also be transmitted.

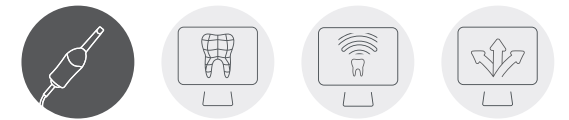


New: Connect Case Center Inbox

Good news for your lab. In the past, only inLab users were able to receive cases via the secure Connect Case Center. With the Connect Case Center Inbox, your lab can now use its usual software and still have full access to the patient case.

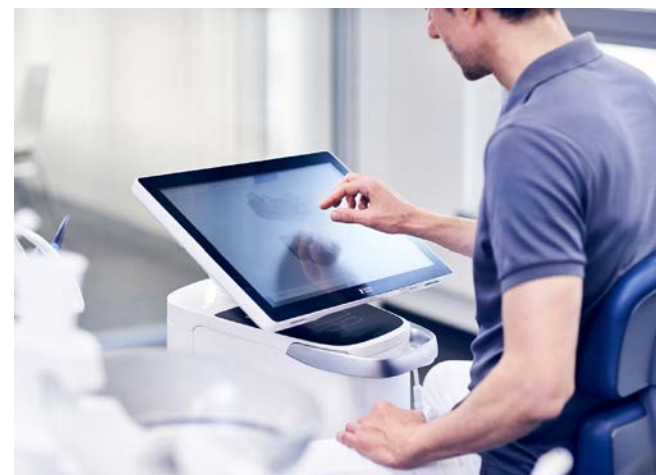
And best of all: Every CEREC Primescan comes with a free license that you can make available to your lab.

- Fast and precise scans
- Digital ordering for work of all kinds
- Easy and convenient data export via the Connect Case Center
- Open STL export of scan data available



1 Scanning

CEREC® Primescan can quickly and accurately generate an impression of the preparation, the antagonist and the bite in the patient's mouth – powder-free and in color. You can interrupt and resume the scan procedure at any time. Digital impression molding has the advantage that you can assess quality right there on the screen.



2 Data transmission via the Connect Case Center

With a single click in the software, the case is transmitted to the lab of your choice without fail. In addition to secure and anonymized transmission, if desired, you and your lab also have a high level of documentation. You can even use the Connect Case Center for a case-specific chat. All agreements with your dental lab will be documented. All of these processes are much faster than with traditional impression molding. You can even respond to questions from your lab while your patient is still in the chair.



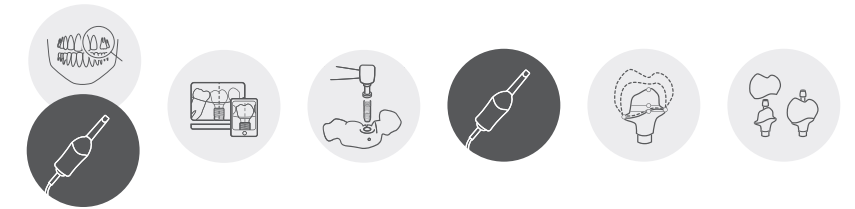
3 Data reception by the lab of your choice

Upload the 3D model to the Connect Case Center and complete the digital order form – in a matter of seconds. Third parties will not be able to access the transmitted case data. By installing Connect Case Center Inbox, labs without inLab® software can also be easily connected to the Connect Case Center. Thanks to the digital technology, your lab can now exchange images with you and discuss details in real time. Your collaboration will become closer than ever before.

From the practice to specialized partners.

Guided implantology and patient-specific prosthetics from industry leaders.

Connect Case Center offers a comprehensive solution for collaborating with established partners. If you need help with any workflow steps, simply access our centralized functions and take advantage of our knowledge and experience. This solution saves time, and you don't have to invest into additional software or equipment.



- Rely on the safe, seamless workflows of guided implantology for greater patient comfort and best results
- Simplant®* offers dentists the right surgical guide for each individual case to achieve precise and predictable implant treatments.
- Atlantis®* is our solution for the manufacturing prosthetics for all common implants.

Simplant®*
Atlantis®*



1 Digital data acquisition

A CBCT image shows you more. It visualizes the patient's anatomy and provides valuable information. Capture the patient's dentition and surrounding soft tissue with Primescan. The combination of bone and soft tissue data provides an optimum foundation for ideal restoration and implant planning.



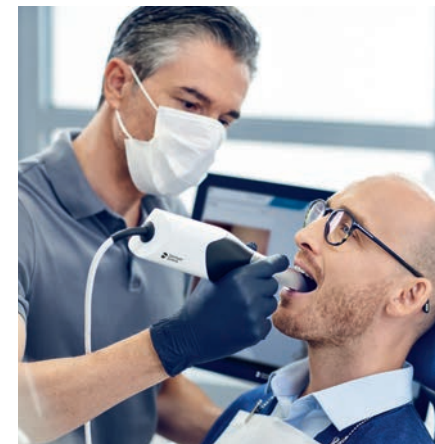
2 Prosthetics and implant planning

The mySimplant® service takes care of implant surgery planning for you. This eliminates the need to purchase special planning software. Transfer the CBCT data to mySimplant® and just send the intraoral scan, together with case specifications, to Dentsply Sirona via the Connect Case Center. In return, you will receive an individual Simplant® treatment plan. Each planning proposal will be sent back to you for confirmation and approval.



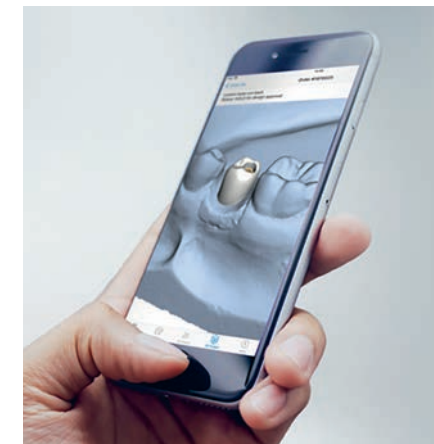
3 Computer-aided surgery

After your approval of the treatment plan, Dentsply Sirona creates the Simplant® surgical guide in a highly advanced production process to consistently guarantee the highest precision and quality. The use of a drill guide ensures accurate implant placement and is a prerequisite for safe and careful treatment.



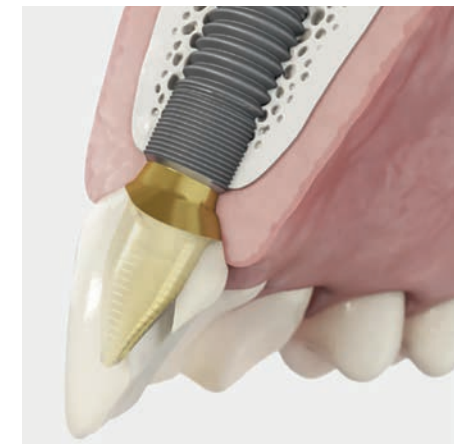
4 Digital impression

Immediately after the placement of the implant, take a precise digital impression in natural colors. It couldn't be easier. CEREC® Primescan handles well and is easy to operate. This makes the impression procedure simpler, more pleasant, and less time-consuming than ever before. The sophisticated hygiene concept of CEREC Primescan makes the device the ideal scanner for implant cases where bleeding may occur. The steel sleeve of the scanner head is also sold as an autoclavable version. Single-use sleeves are also available. This way you can stay calm even if there is bleeding.



5 Design and manufacture of the prosthetic

Your order is placed directly in the Connect software and sent to the central manufacturing unit of Dentsply Sirona for Atlantis® solutions. From there, you and your dental technician receive a proposal for review, discussion and approval. Atlantis® abutments, crowns or digital files are available both for cemented and screw-retained restorations. Alternatively, the crown can also be manufactured by your partner lab with Atlantis® Core File and the inLab® software.



6 Final restoration

Abutments and crowns from Atlantis® are manufactured by Dentsply Sirona with a highly advanced milling process. The patient-specific solutions from Atlantis® are based on the anatomy and clinical situation of each patient and replicate the natural tooth function and look. If your partner lab has the corresponding equipment, the crown can also be milled with an inLab milling unit and sintered with the inFire HTC Speed.

* Validation for CEREC Primescan in preparation..

From the practice to specialized partners.

Special treatment methods – such as orthodontic procedures – require specialized partners.

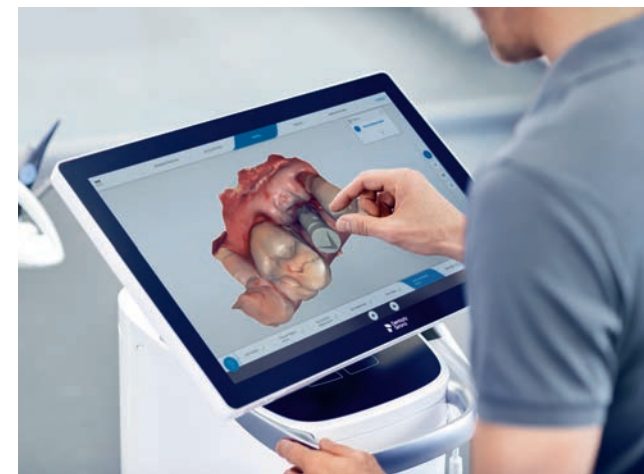
Besides local dental labs, there are also providers who specialize in certain applications and indications, such as orthodontic procedures. Make use of the multitude of indications and options for collaborating with your partners via the Connect Case Center. The following orthodontic treatment workflow is just one example, out of many others. The transmission to connected partners takes place via the Connect software. The optional CEREC® Ortho software is available* for special orthodontic tools such as model analysis and treatment simulation.

* expected in mid-2019

With SureSmile Aligner, you can expand your treatment range with orthodontic procedures. SureSmile has over 15 years of experience with the treatment of complex orthodontic cases and, thanks to its seamless workflow, getting started is easy.

dentsplysirona.com/clinictopartner

- Expand your treatment options with orthodontic procedures
- Guided scanning is easy to learn and ensures reproducible results
- Large variety of export options, including treatment with almost invisible aligners



1 Scanning

Orthodontic treatments require full arch scans. That's where the CEREC® Primescan really shines. The scan is not only significantly faster than with traditional procedures (including alginate impressions), but also less prone to errors. Powder-free of course, and in natural color.

2 Data transmission via the Connect Case Center

Once you have reviewed the model on the screen, the data are transmitted to your external service provider. You can choose from a wide selection of applications, including aligners, bonding trays, retainers, and many more.

3 Data reception by your partner

Validated central manufacturers now receive your model data so they can process your order – in many cases in a file format specifically tailored for the needs of your partner to create optimum results.

CEREC® Club.

Over the warranty term you will benefit from the latest software updates and upgrades as well as from extended parts warranties. Optional products can be added as necessary. With CEREC Club, you are always a step ahead of the game; you continuously benefit from the latest CEREC innovations and comprehensively secure your system while developing it further at the same time. This keeps your investment automatically up to date.

Guaranteed innovation

CEREC software updates and upgrades

Investment security

Extended parts warranty

Best price-performance ratio

Comprehensive service your CEREC system


The Club grows with you

CEREC Club will scale with you as your practice grows with added technology.

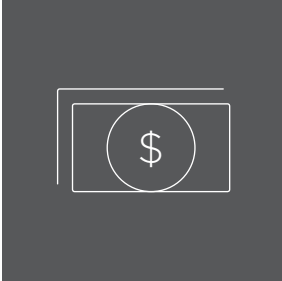


CEREC® for you and your patients.


What would you say about fitting your patients with crowns in a single session instead of two? How would your patients feel about that? We already know: they would love it! Patients benefit from the faster, more comfortable treatment without impression trays or annoying temporary restorations. Offer your patients the best, most advanced treatment - with CEREC!



Two thirds
of patients would switch their dentist for treatment in a single session.*




50 %
of patients would be willing to pay more for treatment in a single session.*




Two thirds
of patients would be willing to drive further for treatment in a single session.*


Imagine the ability to offer restorations in a single session - with all common materials. You could also offer implant and orthodontic treatments. What possibilities would this open up for you and your practice? Efficiency, added value and security: CEREC makes all of this possible.



95 %
proven long-term stability.**



Every second
a CEREC restoration is placed worldwide.



> 250
scientific studies prove the clinical safety of CEREC.

* Source: Exevia GmbH, survey of dental patients, November 2015.
 ** Source: Posselt, Kerschbaum, Longevity of 2328 chairside CEREC Inlays and Onlays, *Int J Comput Dent.* (2003).

CEREC® Product workflow.

1 Scan



Primescan – for high performance scanning

- Latest, future-oriented technology
- Easy handling even for frequent full arch scans
- Powder-free and photo-realistic color visualization
- Extremely fast
- Very precise and accurate
- Comprehensive hygiene concept
- Intuitive handling



Omnicam – a solid choice for modern digital dentistry

- One of the most popular scanners for years
- Proven technology
- Small scanner head
- Powder-free and in color

Primescan and Omnicam Compared

	Primescan	Omnicam
Scan procedure	Dynamic depth scan (up to 20 mm)	Triangulation
Powder-free	Yes	Yes
Scans shiny metal surfaces (gold, amalgam, etc.)	Yes	With restrictions (if necessary, apply powder locally)
Scans in color	Yes	Yes
Photo-realistic scans	Yes	Yes
Color analysis	Yes (not available with single-use sleeve or for autoclave solution)	Yes (not available with single-use sleeve)
Constantly self-heated to prevent fogging	Yes, internally active	Yes, passively in scanner cradle
Warm-up time	Just a few minutes after starting the AC	Approx. 15 min
Full arch scan* (mx, md, bite registration, model calculation)	Approx. 2–3 min	Approx. 8–12 min
Wipe disinfection	Yes	Yes
Autoclavable**	Yes	No
Dry heat sterilization	Yes	Yes
Single-use sleeves	Yes	Yes
High-level disinfection	Yes	Yes
Overall dimensions (W x H x L)	50.9 x 58.8 x 253 mm	40 x 50 x 223 mm
Weight	457 g (plastic sleeve) 524.5 g (metal sleeve)	316 g
Scanner head (W x H)	22.5 x 20.7 mm	16.1 x 16.2 mm
Mirror sleeve (L)	110 mm	107 mm

* Depending on experience and routine with the system.
** Only applicable for autoclave sleeve.

2 Design



AC acquisition unit

- State-of-the-art technology for CEREC® Primescan*
- Modern design of hardware and software
- Medical device approved for use next to patients
- Ergonomic working thanks to swiveling screen
- Easy to clean, smooth surfaces
- Mobile workplace
- Extra-long battery charge of over 60 minutes

3 Grinding/milling



CEREC MC

- Full-contour single tooth restorations up to 20 mm block size
- Precise
- Cost-effective solution



CEREC MC X

- Complete range of chairside applications up to 40 mm block size, including bridges and abutments
- Precise and fast
- Production of CEREC Guide surgical guides



CEREC MC XL Premium Package

- Complete range for all practice, and many lab indications up to 85 mm block size
- Grinding/milling of all CEREC applications and materials****
- Precise and fast
- Comfort with four motors and user friendly touch display
- Production of CEREC Guide 2 and CEREC Guide 3 surgical guides
- Optional “extra fine” grinding

4 Sintering/Finishing



CEREC SpeedFire**

- Fast sintering of full-contour zirconium oxide: The much shorter processes allow for restorations in a single session
- Speed + Pre-Dry: Wet restorations can be processed in a single procedure
- Maximum sinter temperature: 1600 °C
- SpeedGlaze process: Fastest glazing process in < 9 minutes
- Maximum heat-up speed 300 °C/min: No preheating or holding temperatures necessary
- Shorter waiting times due to active cooling of furnace, chamber and restoration
- Interfaces: 2x USB 2.0, 1x LAN (RJ45), WLAN (optional via WLAN-USB dongle)

Playing it safe with Hub.

Streamlined workflows and complete data security for your practice technology.

If you plan to run more than one acquisition unit Hub is ideal for you: Hub keeps data available across all devices so there is no need to recreate patient data or transfer cases from one device to another.

When it comes to case storage, duplicate copies provide protection against data loss. Hub data storage and transmission are encrypted so securely that even our technicians cannot access your data from outside your office. Hub has no vulnerabilities to make it susceptible to theft or misuse, ensuring that your patients' personal privacy remains protected.

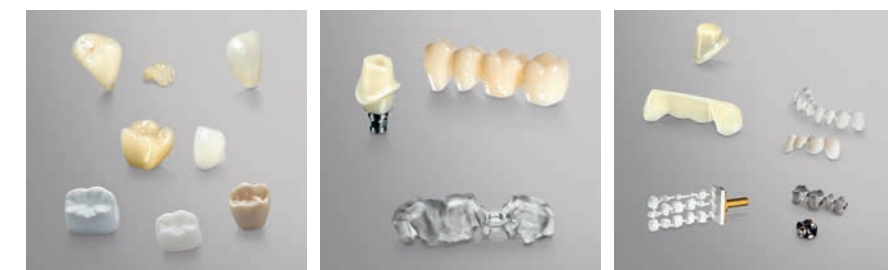
- Plug & Play installation
- Secure local backup
- Consistent data throughout your practice



Your production options with CEREC®

Performance specifications	CEREC MC	CEREC MC X	CEREC MC XL Premium Package
Range of application	Full-contour single tooth restorations	Complete chairside range	Complete chairside range and many lab indications
Precise grinding	± 25 µm	± 25 µm	± 25 µm
Maximum block size	15.5 x 19 x 20 mm	15.5 x 19 x 40 mm	22 x 40 x 85 mm
Touchscreen display	-	-	■
Four spindle motors	-	-	■
CEREC SW 5	■	■	■
Fully anatomical single tooth restorations (feldspar, glass and lithium disilicate ceramic, zirconium oxide, hybrid ceramics, polymer blocks in standard sizes)	■ For processing full-contour zirconium oxide in a single session you will need a CEREC SpeedFire furnace	■ For processing full-contour zirconium oxide in a single session you will need a CEREC SpeedFire furnace	■ For processing full-contour zirconium oxide in a single session you will need a CEREC SpeedFire furnace
Bridges with up to four pontics, including anatomical connectors	-	■	■
Abutments/screw-retained crowns	-	■	■
CEREC Guide surgical guides***	-	■	■
Copings, scaffolds, anatomical connectors, telescopes, abutment bridges****, nesting and stacking (inLab CAM SW)	-	□	■

■ available □ optional



CEREC certified material partners



* Scanner and acquisition unit can also be obtained without CEREC license for digital impression only. Upgrades are available at any time.
 ** The numbers apply to the processing times of CEREC Zirconia and depend on the sintered volume and color.
 *** Additional CEREC Pro module needed to cover these indications.
 **** Additional inLab software needed to cover the full range of indications.

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Procedural Solutions

Preventive
Restorative
Orthodontics
Endodontics
Implants
Prosthetics

Enabling Technologies

CAD/CAM
Imaging
Treatment Centers
Instruments