



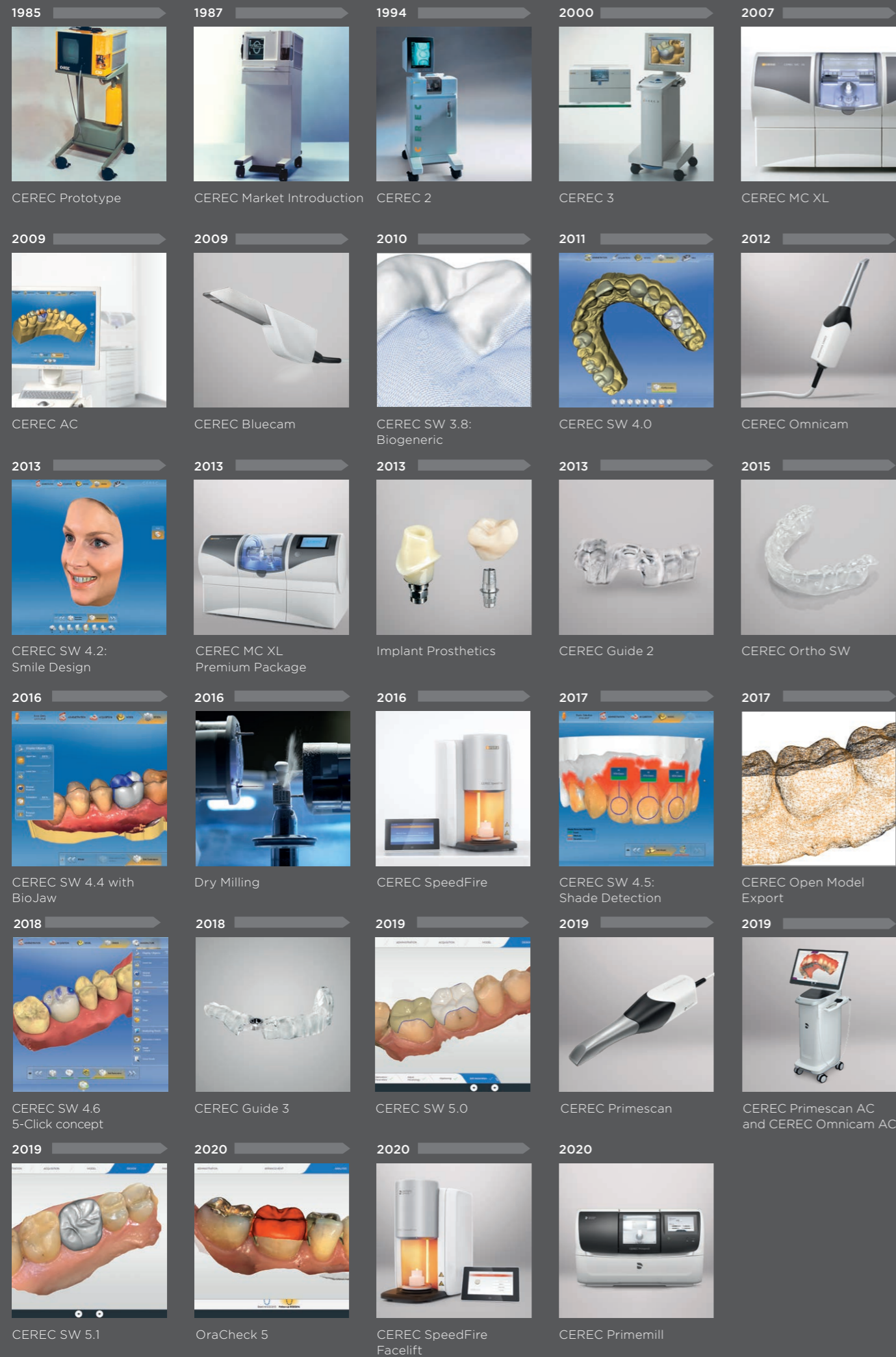
CEREC Users

Never stop being prime
with CEREC

my.cerec.com

THE DENTAL
SOLUTIONS
COMPANY™

 Dentsply
Sirona



Innovation never stops

With 35 years of continuous optimization and tremendous progress, CEREC has always been synonymous for innovation, modernity, and sustainability in dentistry. We are very proud to have you as part of our enthusiastic community of CEREC users. You are the ones who helped us to advance thanks to your feedback and ideas. It is always our ambition to make the good even better. The latest generation of our CEREC system sets new standards and takes your and your patients experience to a new level of excellence. With a new, best-in-class milling unit and a highly automated, intuitive software to go with the CEREC Primescan, there has never been a better time to future-proof your practice with CEREC. With the new CEREC Primemill, we keep creating real added value for both the CEREC newcomer and our passionate CEREC users, giving you the options you need to treat multiple indications with the confidence that comes from outstanding results. Let us show you the decisive advantages of the all-new CEREC and explain how you can benefit from upgrading individual components of your system.

A unique solution designed for superior digital dentistry

The all-new CEREC system comprises world-class components that interact perfectly and ensure seamless workflows. CEREC Primescan quickly delivers highly accurate scan data to the new CEREC Software 5, supporting you with patient-specific proposals based on the patented biojaw algorithm. The powerhouse of the system is the new CEREC Primemill. With this state-of-the-art milling unit, digital chairside

dentistry is faster, easier and more reliable than ever before. Zirconia restorations can also be sintered and glazed in the CEREC SpeedFire furnace directly in your practice. It now comes with a new pre-heating function and updated design features in black and white. Upgrade to the all-new CEREC and benefit from: improved usability, optimized speed, enhanced clinical safety and high cost effectiveness.

The all-new CEREC. Now is the time.



CEREC SpeedFire



CEREC Primemill



CEREC Primescan
with CEREC SW 5



Hub

CEREC® Primescan™

Enjoy the scan

The best way to scan is with CEREC Primescan: It delivers optimum results that please patients and clinicians alike. CEREC Primescan impresses with its outstanding performance, is easy to use, features ultra high precision sensors, and creates 3D models in photo-realistic and unsurpassed resolution that is immediately obvious.

The foundation

New patented measurement principle

captures and processes more data in less time, delivers outstanding scan speed and accuracy.

Dynamic depth scanning technology

enables perfect sharpness, even in up to 20mm depth.



Accuracy. Usability. Speed.

dentsplysirona.com/primescan



The components

Dynamic Depth Scan

allows imaging like never before, creating more than 100 million contrast values per second, which result in more than 1 million 3D points per second.

New high-precision Smart Pixel Sensor

consolidates more than 50.000 images per second, producing photorealistic and highly accurate data, enabling fast and easy scanning of all dental surfaces e.g. metal crowns or similar.

Intelligent Processing

ensures the optimal collaboration with the software by transmitting exactly the data needed to proceed. The results: faster calculation and fewer scan interruptions.

Large field of view

Visualize larger areas with fewer scan steps and higher data density.

Motion Sense

The scanner is switched on automatically when removed from its cradle. Scanning can start less than 1 second after automatic activation.

Active Heating

Continuous self-heating for fog-free scanning. The scanner is always ready to go.

CEREC® Primescan™ AC

Acquisition unit



Touch screen with anti-reflective surface

enables natural and intuitive SW operation.

Kinematics for flexibility

The large screen can be moved in all directions for perfect ergonomics.

Power cable holder (on the back)

Active window heater

Smooth surface, very few gaps make it easy to clean and disinfect.

All-day battery life

Four hours standby time for full mobility within the practice and during treatment without an external power source.

Software Generation 5

Connect SW, CEREC SW and OraCheck

A new software generation: Using artificial intelligence, CEREC SW 5 supports restoration design better than ever before. Thanks to its high level of automation, it reduces the required input to a minimum. 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.



- Work with the new CEREC and Connect Software Generation 5, with an even more user friendly and intelligent software.
- CEREC SW 5.1 enables users of CEREC AC with Omnicam to upgrade to the new and more powerful software.
- Make the best of your intraoral scanner and start to monitor intraoral changes with OraCheck 5. Make it a standard procedure in your dental office, monitoring the individual patient situation

The benefits of the new Software Generation 5 at a glance

CEREC SW 5.1	Connect SW 5.1	OraCheck 5
<ul style="list-style-type: none"> • Improved scan accuracy with Omnicam* (Study Ender et al., 2019) • Artificial intelligence* • Improved calculation time* • Automatic artifact removal* • Fast 5-clicks-concept • STL Export inside 	<ul style="list-style-type: none"> • Guided scan in Connect SW 5.1 for even more accurate full-arch-scans with Omnicam • Aligner • SureSmile connectivity • Splints • Individual impression tray 	<ul style="list-style-type: none"> • Visualization of volumetric changes in the soft tissue, hard tissue and position of the teeth over time

* Also implemented in the Connect Software 5.1.



reddot design award
winner 2019

dentsplysirona.com/cerecssoftware



Quality

Convenience

Excellence
made easy

Speed

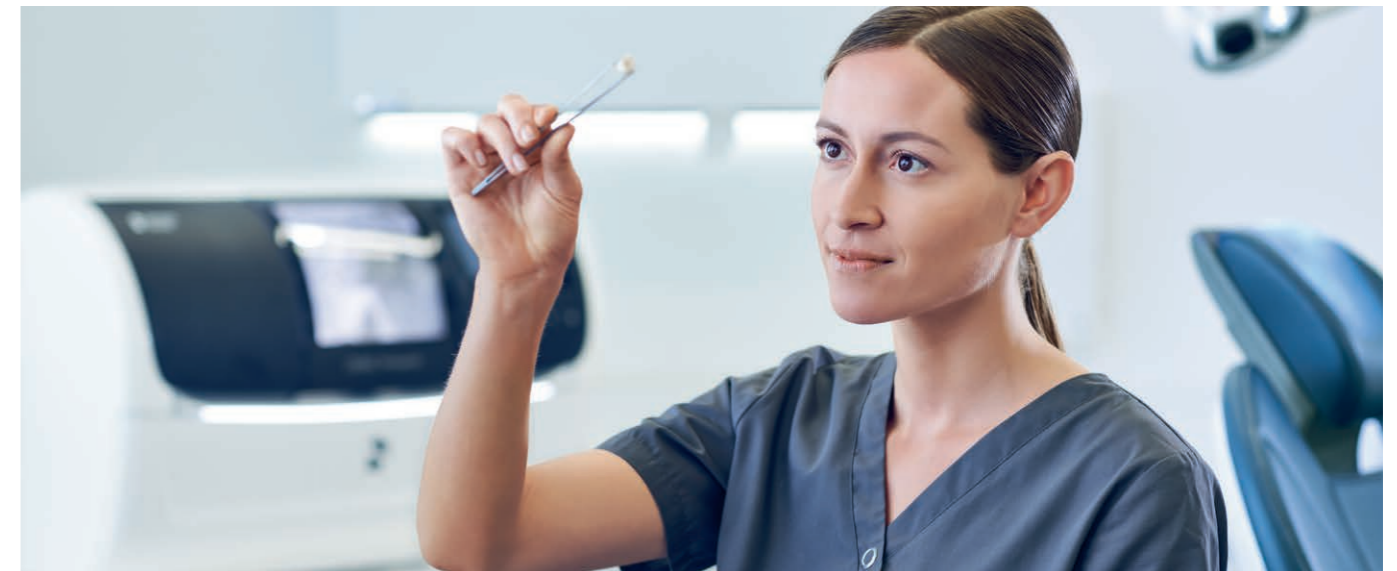
Versatility

Prime design: The new milling unit is outfitted with the same high-gloss white housing and black trim to match the new Acquisition Center perfectly.

CEREC® Primemill

A prime chairside experience

CEREC takes another big step forward with the introduction of CEREC Primemill empowering dentists to provide and experience superior digital chairside dentistry.



Powerful Touch Interface

The new 7" touch interface is highly intuitive and user-friendly, making operation easy.



Super Fast Mode for Zirconia Crowns

The unique parallel milling maximizes speed, delivering an excellent Zirconia crown in around 5 minutes.



New Electronics and Mechanical Components

Improved high edge-stability of the margins and very accurate material removal for smoothest surfaces.



Block Scanner

The block scanner quickly scans compatible data matrix codes on blocks, speeding up the workflow.



RFID Reader

Type and status of tools is recorded, ensuring failsafe workflows and increased productivity.



New 0,5mm Tool

New extra fine bur for producing highly detailed fissures as well as inter-dental areas on bridges.

denstplysirona.com/cerecprimemill

CEREC® SpeedFire



CEREC SpeedFire is the smallest and fastest sintering 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. Afterwards, the restoration is ready to be seated. The new CEREC SpeedFire now comes with an updated design in black and white and new pre-heating function.

Automatic job queue

The CEREC Software sends firing orders directly 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.

Induction technology

Unparalleled short sintering and firing times.

LED status display

Differing colours indicate the current processing status.

Chamber

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



Intelligently networked

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

Touchscreen display

Intuitive operation and high resolution.

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

Playing it safe with Hub

Streamlined workflows and complete data security for your practice

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, redundant backup copies provide protection against data loss. Hub data storage and transmission are encrypted so securely that even our technicians cannot access your data without you. 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



dentsplysirona.com/hub

CAD/CAM material

Solutions for optimized workflows

CEREC ensures the economical, precise production of clinically proper and highly aesthetic prosthetics for your practice. CEREC also offers validated processes for a wide variety of materials and indications. Besides our certified material partners, Dentsply Sirona offers a wide range of its own materials for CAD/CAM restorations. 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.

CEREC Tessera



CEREC Tessera blocks are the most recent innovation for CEREC, designed to increase workflow efficiency and produce beautiful results for your patients. CEREC Tessera blocks have an advanced crystal matrix structure, lithium disilicate + virgillite, for greater strength and faster firing: It fires in 4.5 minutes in the CEREC SpeedFire, providing >700 MPa flexural strength with a 1.0 mm prep design.



Developed to make a difference at each step in the restorative process, Celtra Duo (ZLS) Blocks, Prime&Bond Universal Dental Adhesive* and Calibra Ceram Adhesive Resin Cement when used as a system, result in a remarkably strong and long-lasting bond you can rely on with easy excess cement cleanup.

CEREC Zirconia



The high strength of CEREC Zirconia benefits both dentist and patient. Restorative treatment is even possible in areas with limited space. Preparations preserve tooth substance and can be cemented conventionally when fitted.



Designed to perform better together, Calibra Universal Self-Adhesive Resin Cement is simple and easy to use with CEREC Zirconia restorations. There's no need to prepare enamel or dentin with an etchant or bonding agent - simply apply Calibra Universal cement to the restoration and it's ready to seat. It also has easy gel phase cleanup.

Material overview (CEREC SW 5.1)

The following overview shows which materials you can process with a CEREC milling unit. Please note that for the materials marked with an asterisk, not all block sizes available on the market can be processed in the respective machine.

Manufacturer	Material description	CEREC MC X		CEREC Primemill		CEREC SpeedFire
		Grinding	Milling	Grinding	Milling	
Dentsply Sirona	CEREC Blocs C	x	-	x**	-	x
	CEREC Blocs PC	x	-	x**	-	x
	CEREC Blocs C PC	x	-	x**	-	x
	CEREC Guide Blocs	-	x*	-	x	-
	CEREC Zirconia	x	x	x	x	x
	CEREC Zirconia meso	x	x	x	x	x
	CEREC Tessera	x	-	x	-	x
	inCoris TZI C	x*	x*	x	x	x
	inCoris ZI meso	x	x	x	x	x
	Celtra Duo	x	-	x	-	x
	VITA	CAD-Temp IS	x	x	x	x**
CAD-Temp monoColor	x*	x*	x	x**	-	
CAD-Temp multiColor	x*	x*	x	x**	-	
ENAMIC	x	-	x	-	-	
ENAMIC IS	x	-	x	-	-	
ENAMIC multiColor	x	-	x	-	-	
Mark II	x	-	x**	-	x	
RealLife	x	-	x**	-	x	
Suprinity PC	x	-	x	-	x	
TriLuxe	x	-	x**	-	x	
TriLuxe forte	x	-	x**	-	x	
YZ HT	x*	x*	x	x	x	
Ivoclar Vivadent	IPS Empress CAD	x	-	x**	-	-
IPS Empress CAD Multi	x	-	x**	-	-	
IPS e.max CAD	x	-	x	-	x	
IPS e.max CAD abutment	x	-	x	-	x	
IPS e.max ZirCAD LT	x*	x*	-	x	x	
IPS e.max ZirCAD MT Multi	x*	x*	-	x	x	
Telio CAD	x*	x*	-	x**	-	
Telio CAD abutment	x	x	-	x**	-	
Tetric CAD	x	-	x	-	-	
Merz	artBloc Temp	x	x	-	x**	-
SHOFU	BLOCK HC	x	-	x**	-	-
BLOCK HC (2L)	x	-	x***	-	-	
BLOCK HC HARD	x	-	x***	-	-	
ZR Lucent	-	x	-	x	x	
3M	Lava Ultimate	x	-	-	-	-
Chairside Zirconia	-	x	-	x**	x	
COLTENE	BRILLIANT Crios	x	-	x	-	-
GC	CERASMART	x	-	x	-	-
CERASMART 270	x	-	x	-	-	
CERASMART 300	x	-	x***	-	-	
Initial LRF	x	-	x***	-	-	
Initial LiSi Block	x	-	x***	-	x	
KURARAY NORITAKE	KATANA Zirconia Block STML	x	-	-	x	x
KATANA Zirconia Block ST	-	x	-	x	x	
KATANA Avencia Block	x	-	x**	-	-	

* Available sizes, CEREC MC X: CEREC Guide Blocs: medi; inCoris TZI: 40/19, mono L; inCoris TZI C: medi S, mono L; CAD-Temp multiColor: CTM-40; CAD-Temp monoColor: CT-40; ZirCAD: C17; Telio CAD: B40L; YZ HT: YZ 20/19, YZ 40/19

** Available end of June 2020

*** Available end of October 2020

* Depending on the market the Dentsply Sirona Prime&Bond Adhesive version available may vary.

Innovation never stops



CEREC Primescan



CEREC Omnicam



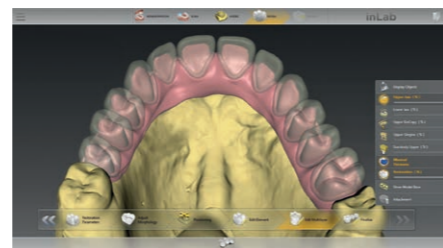
CEREC Bluecam



CEREC Primescan AC



CEREC SW 5.1



inLab SW



CEREC MC X



CEREC Primemill



CEREC SpeedFire

 More treatment options in one visit	 Fast and easy treatments	 Excellent clinical results	 More treatment options in the practice laboratory	 Expanded treatment range
More information on page 18	More information on page 19	More information on page 20/21	More information on page 22	More information on page 23

Scanner	Software	Milling unit
CEREC AC Bluecam	CEREC SW 4.5	CEREC MC X
CEREC AC Bluecam	CEREC SW 4.5 Premium	CEREC MC XL PP
CEREC Omnicam AC 1.0	CEREC SW 4.6	CEREC MC X
CEREC Omnicam AC 1.0	CEREC SW 4.6	CEREC MC XL PP
CEREC Omnicam AC 1.0	CEREC SW 4.6 + inLab 19	CEREC MC XL PP
CEREC Omnicam AC 2.0	CEREC SW 5.1 with Pro Module	CEREC Primemill
CEREC Omnicam AC 2.0	CEREC SW 5.1 with Pro Module + inLab 20*	CEREC Primemill
CEREC Primescan	CEREC SW 5.1 with Pro Module	CEREC MC X
CEREC Primescan	CEREC SW 5.1 with Pro Module + inLab 20*	CEREC Primemill

Temporary bridges	Lithium disilicate bridge up to tooth 5	Zirconia bridge up to tooth 7	Maryland bridge	Anterior teeth aesthetics	Individual ceramic abutments	Powder-free and in colour	Multiple restorations	Biogeneric	Optimized Biojaw Algorithm thanks to AI	Automatic margin detection	5-Clicks Restoration	Superfast mode for Zirconia restorations	Optimized fast grinding	CEREC Guide 2	CEREC Guide 3	Virtual articulator	Individual virtual articulator	Shade analysis	Extra-fine grinding	Extra-fine milling with 0.5mm tool	Double buccal bite	Shiny materials scanning	Edentulous scanning	Crown copings	Crown/bridge framework	Anatomical connector	Advanced milling options	Telescope	Dry milling	Open scan export	Aligners	Sirona Connect Portal*	Full arch scan	Atlantis communication
x	x	x	x	x	x	-	x	x	-	-	-	-	-	x	-	x	-	-	-	-	-	-	-	-	-	-	-	●	-	-	x	-	-	
x	x	x	x	x	x	-	x	x	-	-	-	-	-	x	-	x	-	-	○	-	-	-	x	x	x	-	x	●	-	-	x	-	-	
x	x	x	x	x	x	x	x	x	-	x	x	-	-	x	x	-	-	●	-	-	x	-	-	-	-	x	-	●	x	■	x	-	x	
x	x	x	x	x	x	x	x	x	-	x	x	-	-	x	x	-	-	●	○	-	x	-	-	-	-	x	-	●	x	■	x	-	x	
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x	x	x	x	x	x	x	x	x	x	x	-	x	x	x	x	x	x	○	x	x	x	x	x	x	x	x	x	x	■	x	x	x		

* Available for CEREC Primemill from Q4 2020.

x included
 - not included
 ○ Depending on configuration
 ● Depending on serial number
 ■ For use with CEREC Ortho SW

* New: Connect Case Center

Extensive treatment options in one visit



The basic CEREC concept of restoring teeth in a single visit has been improved and made even more efficient over the years. Today you can treat an incredible variety of indications in one appointment with CEREC. Whether fixed bridges, customized implant prosthetics, or aesthetic anterior restorations – with CEREC, there are now hardly any limits to restorative dentistry. Thanks to a huge variety of materials, you can treat every tooth with aesthetic, durable restorations, giving you unparalleled freedom of treatment options.



Bridges with anatomical connectors – create natural interdental spaces and tooth shapes, for more aesthetic results.



Chairside zirconia restorations

Due to its unique workflow, CEREC enables you to produce and seat zirconia crowns and bridges in a single visit. This is made possible by the super fast dry milling mode in combination with the CEREC SpeedFire's extremely fast sintering and glazing times.

Bridge restorations

With CEREC, in addition to temporary bridges and Maryland bridges, it is possible to make lithium disilicate bridges up to the premolars and full-contour zirconia bridges, e.g., CEREC Zirconia, in one visit.



Prosthetic-oriented implantology

Produce customized ceramic abutments in a single visit with CEREC and benefit from the fastest in-house surgical guide production at very low cost.



Anterior aesthetics

With diverse new functions such as Smile Design and innovative materials such as CEREC Tessera, you can easily produce natural-looking, aesthetic anterior restorations.

Fast and easy treatments

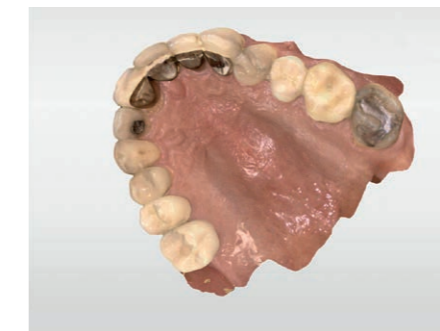


The predominant feature of the latest CEREC generation is the incredible speed and simplicity of every step of the process, ensured by various functions. The perfect interaction of hardware and software leads to an impressively easy and fast workflow.



Superior scan performance

Primescan's unique technology allows for easy capturing and quicker processing of more data in higher resolution. Full arch scans are possible in less than 1 minute.



Scans shiny metals surface

Primescan allows smooth scanning, even on highly reflective materials



5-Click Concept

The 5-click concept enables a fast process thanks to a high degree of automation. For dentists, this saves time while allowing for even more comfortable handling.



Optimized Biojaw thanks to artificial intelligence

Through the further development of the Biojaw Algorithm, you get a distinctly improved initial proposal with regard to function and aesthetics.



Super Fast mode for zirconia crowns

The unique parallel milling maximizes speed advantage for shorter workflows, delivering an excellent Zirconia crown in 5 minutes.



Optimized fast grinding process

Improved fast grinding mode for high quality glass ceramics restorations in less time.



Excellent clinical results

Over 35 years of experience and innovations for both industry and users have made CEREC a well-designed, highly modern system. Greatest precision, custom-to-anatomy restorations, and other support functions ensure that you can guarantee your patients the best clinical outcome with CEREC.



Extra-fine grinding

The extra-fine grinding option is available with four-motor milling units and produces restorations with deeper fissures and smoother surfaces. The results are highly aesthetic, functional and even more natural-looking.



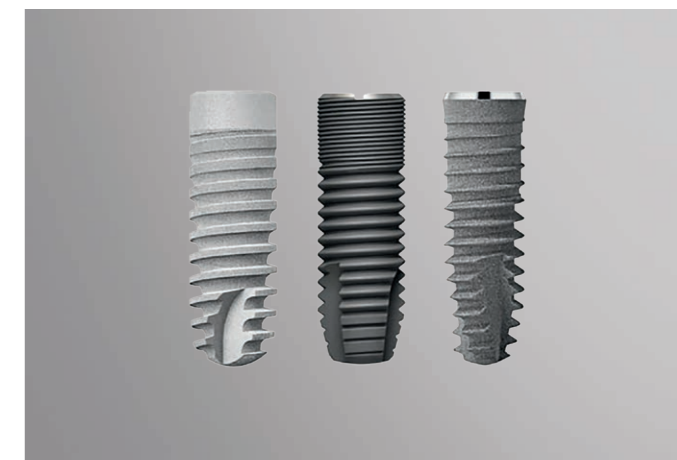
Extra fine milling with 0.5 mm tool

New extra fine bur in the CEREC Primemill for highly detailed fissures as well as inter-dental areas on bridges.



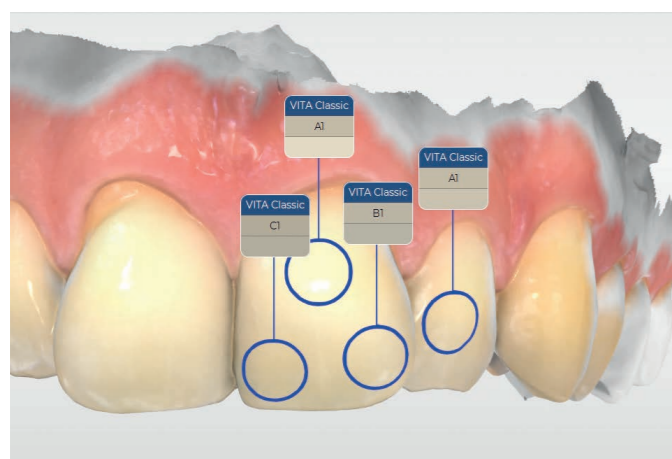
CEREC Guide

Implants can be inserted reliably and easily, allowing minimally invasive treatment. Use CEREC Guide 3 for all Dentsply Sirona implant systems, which ensures the highest degree of clinical safety, or CEREC Guide 2 for implants by other manufacturers.



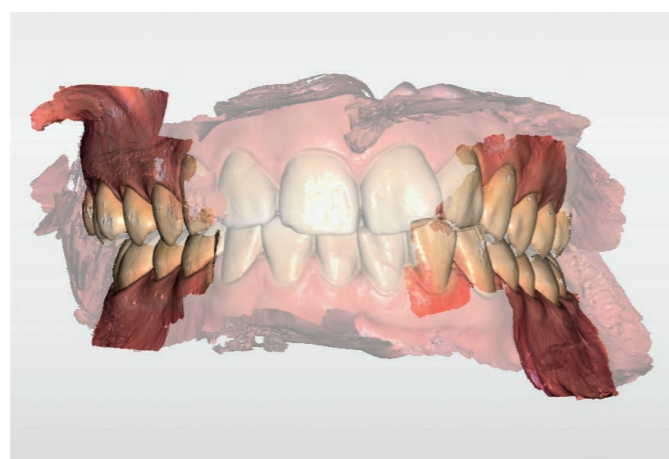
Dentsply Sirona Implants

Backed by expertise, world-renowned science and decades of experience, the three premium implant systems Ankylos, Astra Tech and Xive, all provide life-long function and aesthetics. They are manufactured with extreme precision to ensure a consistent and pristine quality, and come with a lifetime warranty on the titanium clinical components.



Shade analysis

Shade analysis allows you to analyze the colour of any tooth based on the scan. This gives you objective support and more certainty when selecting the right restoration colour.



Full arch scan and Double Buccal Bite

With Primescan, the full arch scan provides reproducible precision, regardless who is taking the scan. Scan the bite from both sides for accurate contacts.



Highly accurate scan data

Highly accurate scan data for both CEREC Primescan and CEREC Omnicam with CEREC SW 5.1 (Study Ender et al., 2019).



Virtual articulator

With the articulator function, you determine both the static and the dynamic contact surfaces and achieve correct functional occlusion, which leads to a better initial proposal, thus avoiding adjustment.

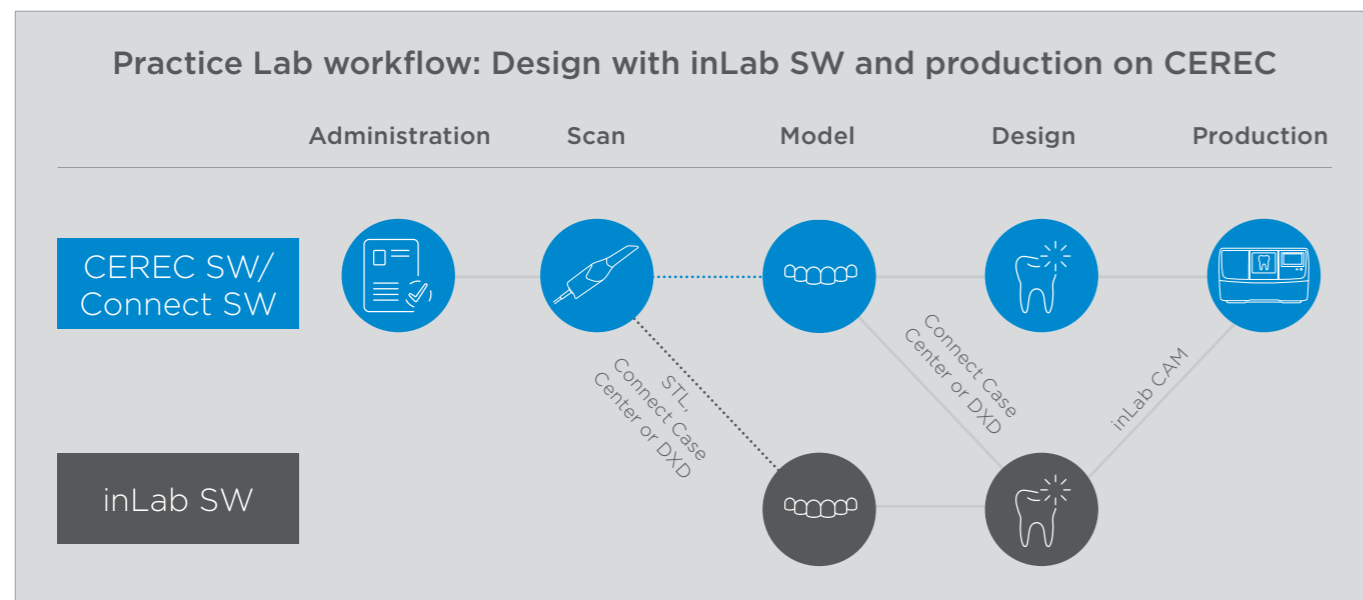
Advanced possibilities in the practice lab



The CEREC Primemill milling unit and inLab SW offer a wider range of indications for larger and more complex cases that can go beyond the chairside range.

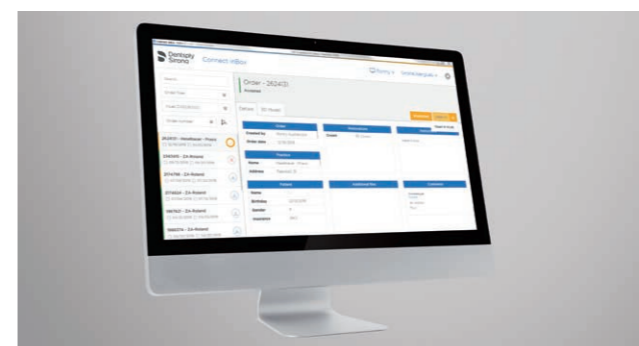
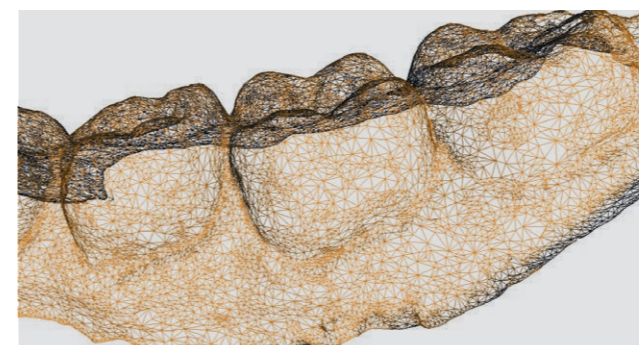
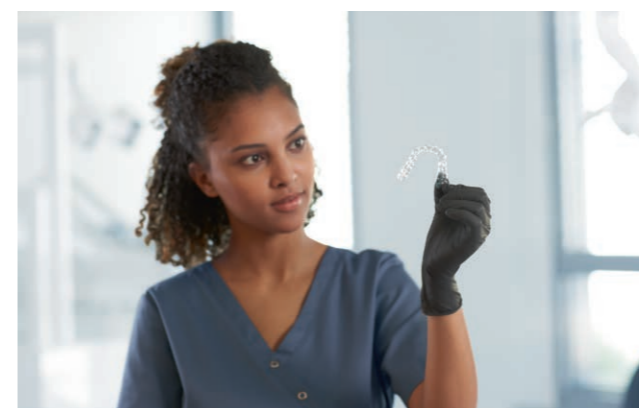
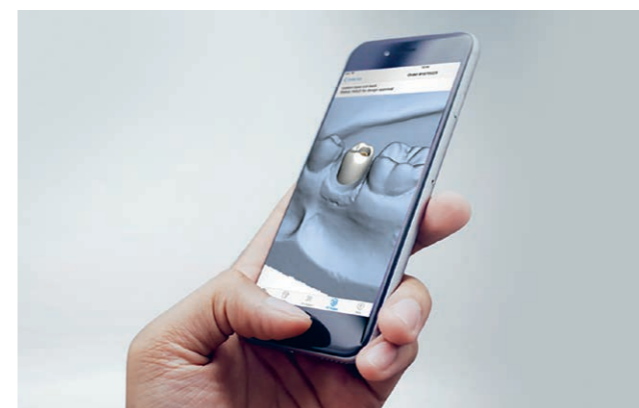
Lab indications								
Restorations				Implant prosthetics		Removable dentures		
Frame-work	Coping	Multilayer	Bridge >40mm	Bridge framework	Abutment bridge	Telescope	Bar	Attachement
✓	✓	✓	✓	✓	✓	✓	✓	✓

To give CEREC customers easier access to the optimized lab solutions, cases can be easily transferred from CEREC SW 5.1 to inLab SW.*



* Available for CEREC Primemill from Q4 2020.

Expanded treatment range



1 Atlantis Communication

Access to world-class manufacturing technology for all your implant cases. Rely on secure, validated workflows in guided implantology for more patient comfort and best results.

2 SureSmile

With SureSmile, you can expand your treatment range with orthodontic procedures, e.g. clear aligner treatment. The SureSmile Digital Lab has over 20 years of experience with the digital treatment of complex orthodontic cases and, thanks to its seamless workflow, getting started is easy.

3 STL Export from CEREC SW

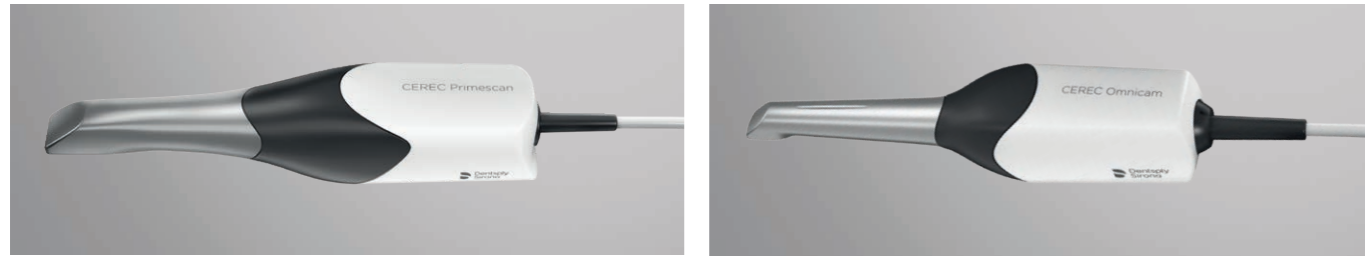
The digital models can be output in the widely used STL format. This gives you maximum flexibility in further processing. The STL files can be exported to any receiver by any method of data transfer. No internet connection is required.

4 Inbox for secure data exchange with any lab

Good news for your lab. Previously, only inLab users were able to receive cases via the secure Connect Case Center. Now all laboratories can access the largest installed base of intraoral scanners and enjoy validated and open file formats.

CEREC Product workflow

1 Scan



CEREC Primescan – the intraoral scanner for highest demands:

- Latest, future-proof technology
- Easy handling even for full arch scans
- Powder-free and photorealistic colour visualization
- Extremely fast
- Very precise und accurate
- Comprehensive hygiene concept
- Intuitive handling

CEREC Omnicam – a solid choice for modern digital dentistry:

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

CEREC Primescan and CEREC Omnicam compared

	CEREC Primescan	CEREC Omnicam
Scan procedure	Dynamic depth scan (up to 20 mm)	Triangulation
Powder-free	yes	yes
Scans shiny metal surfaces (gold, amalgams, etc.)	yes	with restrictions (if necessary, apply powder locally)
Scans in colour	yes	yes
Photorealistic scans	yes	yes
Shade detection	yes (not available with single-use sleeve and for autoclave solution)	yes (not available with single-use sleeve)
Can be heated to prevent fogging	yes, internally active	yes, passively in scanner cradle
Heating time	a few minutes after starting the AC	approx. 15 min
Full arch scan* (upper, lower, bite registration, model calculation)	approx. 2-3 min	approx. 8-12 min
Disinfectable with wipes	yes	yes
Autoclavable**	yes	no
High Level Disinfection	yes	yes
Dry heat sterilization	yes	yes
Single-use sleeves	yes	yes
Overall dimensions (WxHxL)	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 tip (WxH)	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



The Acquisition Center – a single base for two scanners

- State-of-the-art technology for two: CEREC Primescan and CEREC Omnicam
- 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 Primemill

- 7" Touch Interface
- Super fast mode for Zirconia crowns
- Block scanner and RFID reader for an easier and faster workflow
- Broad range of indications up to 70 mm block size
- Smoother Zirconia restoration surfaces
- Production of CEREC Guide surgical guides* and "extra fine" grinding



CEREC MC XL Premium Package

- Broad range of indications up to 85 mm block size
- Precise and fast
- Production of CEREC Guide 2 and CEREC Guide 3 surgical guides
- Optional "extra fine" grinding



CEREC MC X

- Broad range of indications up to 40 mm block size, including bridges and abutments
- Precise and fast
- Production of CEREC Guide 2 and CEREC Guide 3 surgical guides

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)

* The numbers apply to the processing times of CEREC Zirconia and depend on the sintered volume and colour.

Your production options with CEREC

Performance specifications	CEREC Primemill	CEREC MC XL Premium Package	CEREC MC X
High Speed Double Spindle 4-Axis Technology	4 Motors	4 Motors	2 Motors
Wet & Dry	■	■	■
Milling & Grinding	■	■	■
Wide Range of Materials	■*	■	■
Block Sizes	15,5 x 19 x 70 mm	15,5 x 19 x 85 mm	15,5 x 19 x 40 mm
Single-tooth restorations	■	■	■
Zirconia Bridges	■	■	■
e.max and Temp Bridges	■	■	■
Abutments	■	■	■
Surgical guides	■**	■	■
Extra fine grinding	■***	■	-
Extra fine milling with 0,5 mm tool	■	-	-
Smart Touch Interface	■	-	-
RFID reader	■	-	-
Block scanner	■	-	-
Block pre touch	■	-	-
Super fast Zirconia Milling	■	-	-
LED Light strip	■	-	-

* Validation completed by Q3 2020 ** Available from June 2020 *** Available from October 2020

■ available

CEREC certified material partners



Quotes about being Prime

» As a dentist, my expectation of myself is to deliver perfect results for every one of my patients. In this regard, digital technologies can be enormously helpful. This is particularly true for Primescan because the scan now delivers a precision that one can scarcely imagine being improved. And this also applies to a full jaw scan, which can be prepared exceptionally quickly. «



Dr. Carlos Repullo
BDS, DiplImpDent RCS (GB), Spain

» 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. Peter Schneider
Dentist, Germany

» There are three aspects that are most important to me in terms of quality: highest accuracy and precision in occlusal fit and an aesthetic result that can hardly be distinguished from the natural tooth. I achieve all of this with CEREC Primemill. I see improved results along the margins and a smoother surface. On top it comes along with a surprising speed. «



Dr. Josef Kunkela
DMD, PhD, Czech Republic

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Procedural Solutions

Preventive
Restorative
Orthodontics
Endodontics
Implants
Prosthetics

Enabling Technologies

CAD/CAM
Imaging
Treatment Centers
Instruments