CAD/CAM SOLUTIONS FOR THE DENTAL LABORATORY

inLab. THE ART OF INNOVATIVE DENTAL TECHNOLOGY.

SIRONA.COM

The Dental Company

sirona.

ENHANCING YOUR CRAFT SKILLS.

Sirona's innovative inLab technology helps you to exploit your craft skills to the full. We offer you a complete system made up of components that are totally convincing, both individually and in combination. You can save time, respond more flexibly, and safeguard the future of your laboratory.
Enjoy every day. With Sirona.

10-MINUTE SINTERING PROGRAM
for inCoris ZI and inCoris TZI crowns using the inFire HTC speed sintering furnace with Superspeed function

WIDE-RANGING DESIGN FUNCTIONS
implemented in the inLab SW 4.2, including virtual articulation and smile design

SCANNING IN RECORD TIME
either manually or automatically using the new, multifunctional inEos X5 scanner

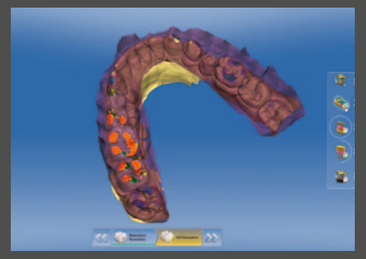
MILLING AND GRINDING*
of all types of material with the aid of the inLab MC XL milling unit

* Available as from June 2013.

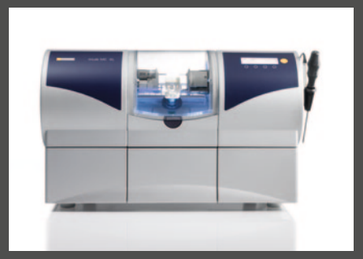
TASKS CAN BE DIFFICULT. BUT NOT DENTAL SYSTEMS.

All the products in the inLab portfolio are designed to fulfill the wide-ranging requirements of your dental laboratory. Powerful high-tech tools and unique options for independent in-house CAD/CAM production deliver a rapid return on investment, as well as high added value.

inEos X5: Fully automated and manual scanning, plus further scanning highlights (further information: see p. 8).



inLab SW 4.2: Smart design with virtual articulation, smile design – and much more besides (see p. 10).



inLab MC XL: The highly productive milling machine for a broad spectrum of materials (see p. 16).

inFire HTC speed: Sintering of zirconium oxide in record time. Multi-purpose furnace chamber for sintering of pre-sintered NP-metal and oxide ceramics (see p. 18)

Indications with inLab: Abutments, implants and all the other indication options (see p. 20)

inLab materials: "inLab goes metal", plus further material highlights (see p. 21).

infiniDent: Complements inLab perfectly through an extended range of indications (see p. 22)

Sirona Connect: The passport to digital impressions and a growing customer base (see p. 24).

Technical specifications: Detailed information about all the components of inLab (see p. 28)

STL

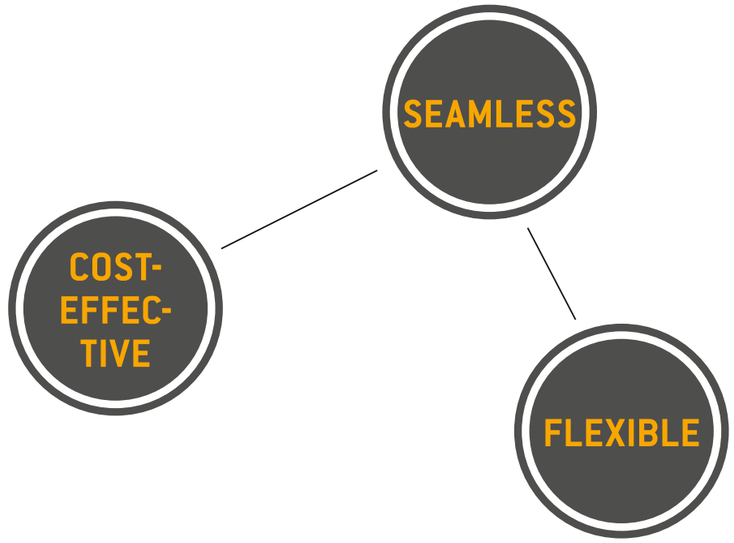
OPEN INTERFACES

Thanks to the open interfaces you have numerous options for receiving, processing and transmitting data – for the optimum adaptation of the inLab system to your CAD/CAM requirements.

- **OPEN inEos**
  Export of inEos scanning data in the open STL format for processing on third-party CAD/CAM systems
- **OPEN APOLLO DI***
  Export of digital impressions (acquired in the practice with APOLLI DI and received via the Sirona Connect portal) in the open STL format for processing on third-party CAD/CAM systems
- **OPEN inLab**
  Export of restoration data designed in the inLab software in the open STL format for processing on third-party CAD/CAM systems
- **OPEN Model**
  Export of model data designed in the inLab software in the open STL format for processing on third-party CAD/CAM systems
- **OPEN 3Shape***
  – Import of extraoral 3Shape scanning data for processing in the inLab software.
  – Export of inEos Blue scanning data and digital impression data (Sirona Connect) in a 3Shape-compatible format for processing on the 3Shape system.
- **OPEN GALILEOS Implant**
  Export of inLab restoration data to the GALILEOS Implant planning software

* Not available in all countries.

EVERYTHING FOR A PERFECT **LABORATORY WORKFLOW.**



inLab connects up digital technologies in order to create integrated solutions. You benefit from a consistently intuitive operating concept, optimized workflows and a modular structure with open interfaces. You can deploy the entire inLab digital process – or else individual components for specific production steps. If desired, you can combine inLab with existing third-party systems.

DIGITIZE

SCANNING WITH THE inEos X5
Fully automated or manual scanning with rapid and innovative 5-axis technology and outstanding precision.

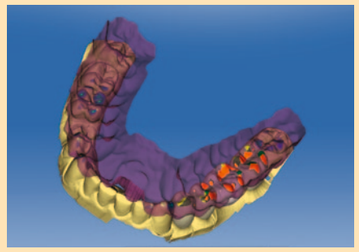
- Innovative model positioning system geared to the widest range of applications.
- Flexible handling and short scanning times.

IMPORT OF DIGITAL IMPRESSIONS
You can receive data directly from the practice via the Sirona Connect portal.

- Digital impressions reduce possible sources of error, save time and minimize transport costs.

DESIGN

DESIGN WITH THE inLab SW 4.2
Create natural restorations using the biogeneric design and virtual articulation functions.



- Transparent processes and control functions for optimum reliability.
- Uniform operating concept makes the design process faster.

EXTERNAL DESIGN VIA OPEN INTERFACES
Transfer data to infiniDent, partner laboratories or third-party CAD/CAM systems.

- Open interfaces increase the flexibility of the laboratory.
- Easier entry into digital laboratory technology.

PRODUCTION

IN-HOUSE PRODUCTION WITH THE inLab MC XL AND inFire HTC speed
Flexible operation and cost-effective milling, grinding and sintering in your own laboratory.

- In-house milling for just-in-time production.
- Uniform process for a wide range of materials increases your efficiency.

EXTERNAL PRODUCTION VIA OPEN INTERFACES
Collaboration with external production service providers such as infiniDent or other partner laboratories.

- Extended production options and access to the latest technology via infiniDent.

PRECISE

The new scanning technology offers outstanding precision and depth of field. Together with the autofocus function this creates the perfect platform for your designs and production.

FAST

The innovative 5-axis technology with a robot arm and the exact definition of the scanning area ensures quick, automatic positioning. This reduces the data quantities and accelerates the subsequent computation of the model.

AUTO-MATED

The unique operating concept has been programmed to ensure maximum efficiency for all scanning tasks and is augmented by the manual scanning option.

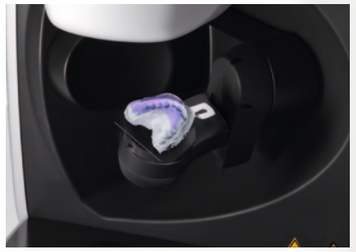
STL

OPEN inEos: Export of scanning data in the open STL format for processing on third-party CAD/CAM systems

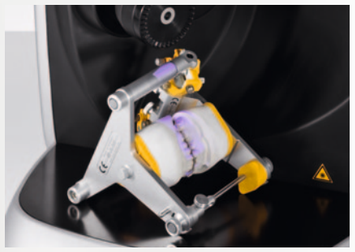
inEos X5: THE MOST INNOVATIVE SCANNER.

This revolutionary new laboratory scanner is your specialist for all digitization tasks. Featuring a robot arm, innovative model positioning, the latest scanning technology and an open interface, the 5-axis inEos X5 is your passport to unrivalled precision, flexible handling, quick scanning times and a comprehensive application spectrum.

Scanning in record time. Thanks to the large scanning field, you can automatically capture the occlusal surfaces of an entire jaw in about 10 seconds.



Automatic capture. Automatic scanning of models and impressions rapidly and reliably.



Large operating range. Enables the positioning of the most popular articulators and facilitates unrestricted access to the model in the manual mode.

Multi-die scanning. Several prepared stumps can be scanned simultaneously and the preparation margins clearly defined.

Manual scanning. Quick and efficient manual capture of preparations for simple restorations.

inLab SW 4.2: COST-EFFECTIVE, CUSTOMIZED AND USER-FRIENDLY.

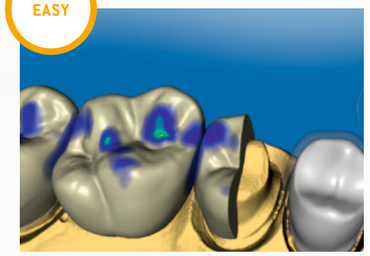
"THE PERFECT SOLUTION FOR ALL THOSE WHO STRIVE FOR PERFECTION."

Hans Lange,
Master Dental Technician,
Darmstadt, Germany

The heart of the inLab system: with the new inLab SW 4.2 you can manage your entire digital fabrication process and reap many benefits.

The inLab software supports you during all your work steps – from scanning and importing digital impressions to the design and milling of restorations and models. Thanks to the virtual articulation function and the initial biogeneric suggestion, you are in a position to create fully anatomical restorations easily and reliably. Custom abutments, bars and attachments can be designed just as rapidly as millable pin models.

EASY

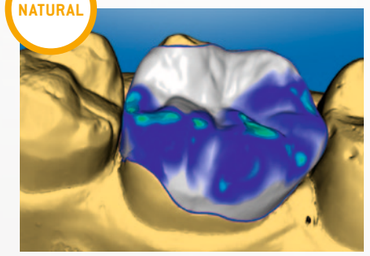


Intuitive design directly "on the tooth"
Despite the wide choice of design tools, the learning curve for the software is extremely short. The user interface is geared to practical applications. You access the necessary tools directly on the restoration. All changes are shown on the monitor immediately. What's more, several restorations can be processed simultaneously.

RELIABLE

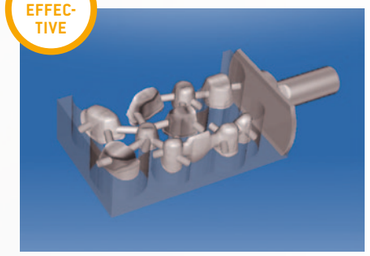
Virtual articulation for optimum occlusal precision
With the aid of the "occlusal compass" you can check your digital restoration design. Via the articulator function you determine both the static and the dynamic contact surfaces and achieve correct functional occlusion. The software shows the complete paths of movement. Using these tools you can intervene individually and remove premature contacts with just a few mouse clicks.

NATURAL



Unique and patient-specific
With the inLab SW 4.2 you can reconstruct natural inlays, onlays, veneers, partial crowns and full crowns as well as full contour bridges – with just a few clicks thanks to the biogeneric design tool. This unique patented reconstruction method analyzes the patient's residual dentition as a basis for computing the tooth morphology. Natural-looking, patient-specific results can be achieved in the shortest possible time.

COST-EFFECTIVE



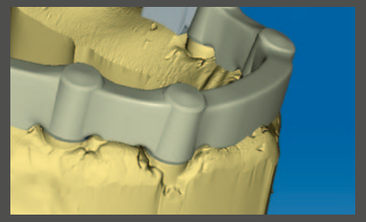
Efficient use of materials
The inLab software ensures cost-effective milling and grinding. With the aid of the "nesting" and "stacking" functions several restorations can be produced at the same time. This minimizes material costs and permits the optimum utilization of the entire block volume. Partially used blocks can also be saved via the block management function and re-used.

inLab SW 4.2: IDEALLY EQUIPPED FOR ALL CASES.

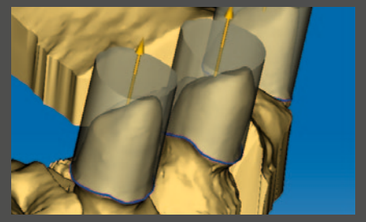
The more complex your assignment, the clearer the strengths of the inLab software. Especially in non-conventional applications (e.g. esthetically demanding anterior restorations, difficult primary structures and multi-layer restorations), you can rely on the expert knowledge embedded in inLab SW 4.2 and profit from its intuitive, cost-effective design sequences.

UNCOMPLICATED HANDLING OF COMPLEX STRUCTURES

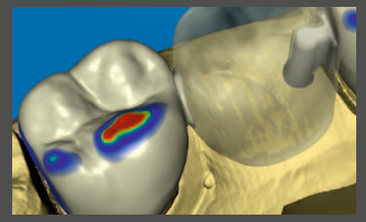
Demanding primary structures such as telescopes, bars (all shapes) and attachments are no problem thanks to the inLab SW 4.2.



Bars



Telescopes

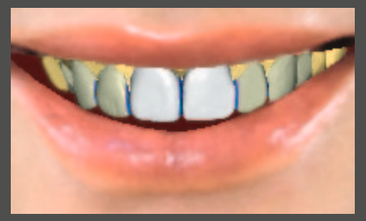


Attachments

RAPID PRODUCTION OF ESTHETIC ANTERIOR CROWNS

You can achieve intuitive shading thanks to the perfect interaction between the software and esthetic silicate ceramics with an integrated dentin core and a translucent enamel layer.

- Optimized automatic positioning of the restoration in the CEREC Blocs C In
- Reliable shade selection with a single click using the software algorithm
- Easy individual adjustment of the surface structure using Incisal Variation
- Customized patient design comparison using Smile Design
- Additional customization possible



TOWARDS THE VIRTUAL PATIENT

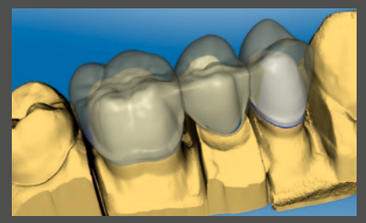
The Smile Design function matches your design with a 3D image of the patient, thus providing a realistic impression of the finished restoration during the design phase.

- Simulation of the harmonic effect of the restoration proposal
- Comparison of the smile line without the actual presence of the patient in the laboratory
- Better basis for communication (dentist and technician)
- A further step on the way to the “virtual patient”

MULTILAYER – FRAMEWORKS AND VENEER STRUCTURES IN A SINGLE PROCESS

Full contour bridges are designed digitally. Following this, the framework and veneering structure are milled out of different materials.

- Time savings: Production of framework and matching veneering structure in a single design step
- Error reduction: Milling instead of over-pressing or layering
- Veneer material with typical shade gradient: from transparent (occlusal) to more chroma (cervical)
- The inLab MC XL offers a unique procedure for the in-house production of the veneering structures: a cost-effective alternative to manual veneering
- Unique biogeneric tooth morphology for the veneering structure
- New feature in inLab SW 4.2: Design options for separate veneering structures and partially anatomical frameworks

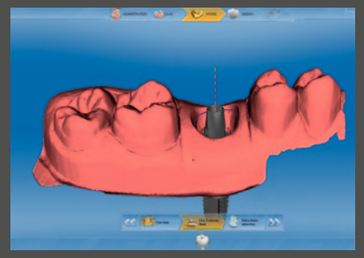


ESTHETIC IMPLANT PROSTHESES IN TOP LABORATORY QUALITY.

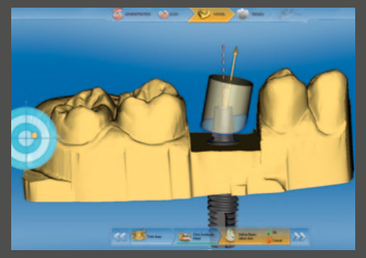
CUSTOM ABUTMENTS
The proven CAD/CAM production of zirconium oxide abutments on the inLab system provides the basis for meeting the demand for tooth-colored, all-ceramic prostheses mounted on implants. In combination with the TiBase sets and the inCoris ZI meso blocks the inLab software ensures the highest level of reliability and flexibility.

COST-EFFECTIVE SURGICAL GUIDES FOR INTEGRATED IMPLANTOLOGY
Using the CEREC Guide you can create precise surgical guides in your laboratory. The process is fast and comparatively inexpensive. The individually manufactured surgical guide is part of the integrated implant planning and surgical implementation using Sirona's CAD/CAM and 3D x-ray. It is based on precise planning data.

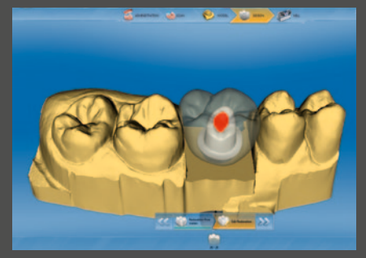
▶ Find out more about integrated implantology and individually produced surgical guides from your specialist dealer.



1. Reliable determination of the implant situation using a scanbody. Either by using an intraoral impression in the practice or by scanning the model using the inEos X5.



2. Optimum alignment of the abutment. The alignment can be individually adjusted. Parallel alignment is possible for bridges.



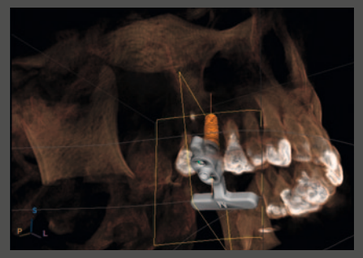
3. Abutment design directly or top down. At the touch of a button full contour designs can be divided into crowns or crown copings plus abutments.

4. Final milling of the custom abutment (inCoris ZI meso) and the final crown.

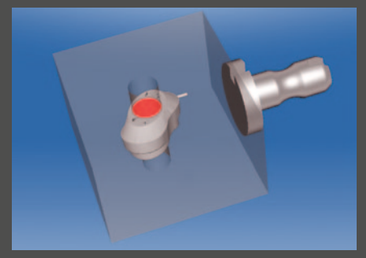
TiBase set

TiBase sets for various implant systems
Consisting of a titanium base, a scanbody and an abutment screw, the TiBase sets help you to precisely transfer the implant position using scanbodies. This is a prerequisite for creating patient-specific and esthetic restorations.

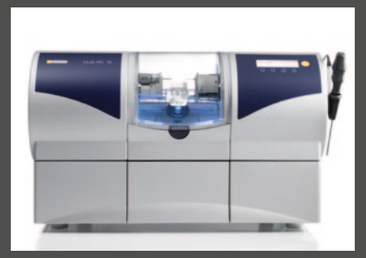
1. Preparation of the x-ray template



2. Implant planning with the aid of reference bodies in the GALILEOS Implant software



3. The drilling body after it has been imported into the inLab SW 4.2



4. Milling on the inLab MC XL

5. Drilling body milled out of a CEREC Guide Bloc

6. Finished CEREC Guide with drill key

inLab MC XL: THE JUST-IN-TIME MULTITALENT.

The inLab MC XL milling and grinding unit opens up the widest possible range of production options for your dental laboratory. You profit from high speed and precision. You can switch from grinding to milling in just a few simple steps. And thanks to the large milling volume and broad spectrum of applications, you will reap substantial economic benefits.

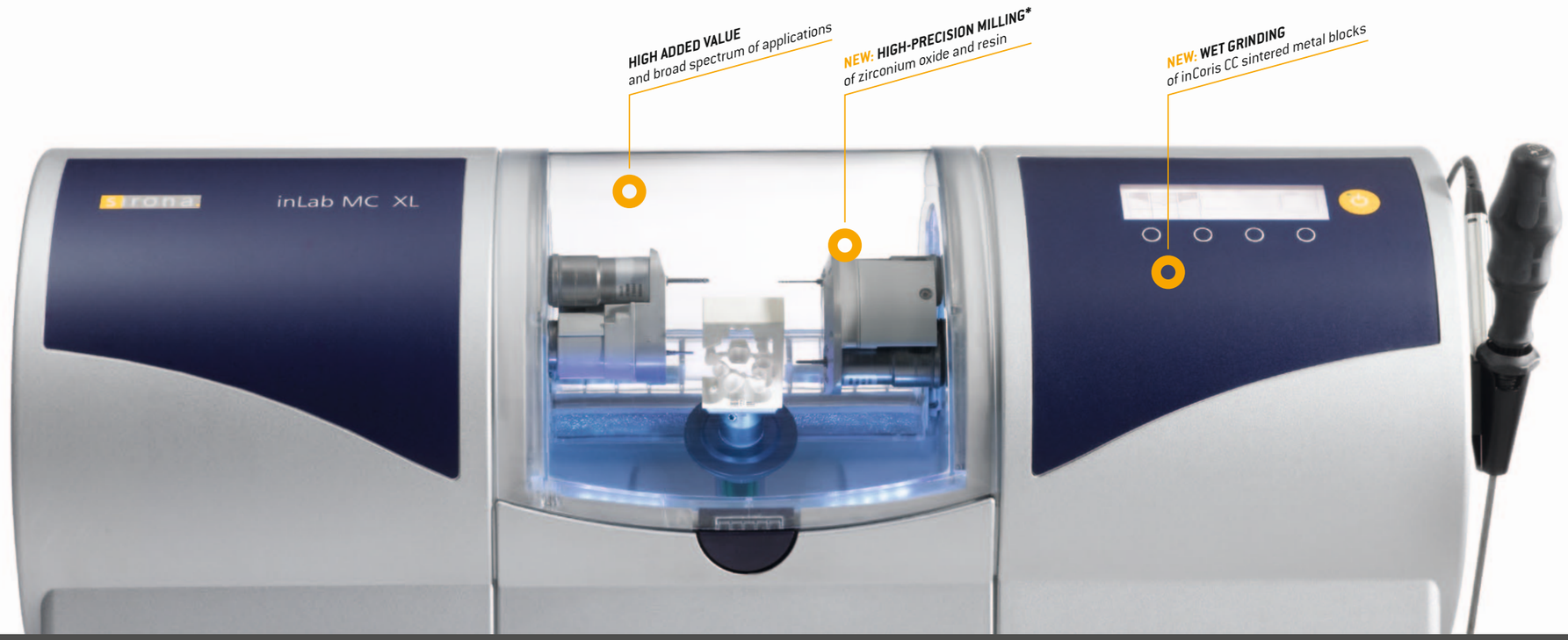
LARGE RANGE OF MATERIALS
Processing of zirconium oxide, resin, silicate ceramics and NP-metal

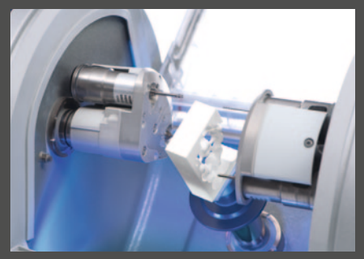
HIGH SPEED
For example, a four-unit zirconium oxide bridge framework in just 40 minutes

LARGE VOLUME
For up to twelve units or ceramic blocks measuring up to 85 mm × 40 mm × 22 mm

FOUR MOTORS
With flexible tool application for different materials

MILLING AND GRINDING
For high precision regardless of the material and indication

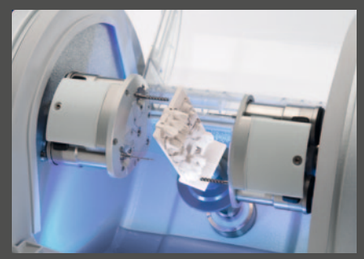




Milling* of zirconium oxide and polymers
In addition to grinding, you can also mill zirconium oxide and polymers on the inLab MC XL. You benefit from an enhanced initial fit and a faster production process.

Cost-effective production
The inLab software positions your zirconium oxide restorations optimally in the material block – for efficient use of blocks, attractive unit prices and the best possible machine utilization, e.g. by milling or grinding overnight.

Wet grinding of sintered NPM blocks
"inLab goes metal." With the inLab MC XL and the new inCoris CC sintered metal blocks you can handle a complete spectrum of metal and ceramic materials. The unique wet grinding function rules out any health risks.



Laboratory-milled models
Alongside CAD/CAM restorations, the inLab digital production chain also includes the manufacture of pin models based on your design data. This means that digital jobs can be processed even faster.

* Available as from June 2013.

THE WORLD'S FASTEST SINTERING FURNACE: **inFire HTC speed.**

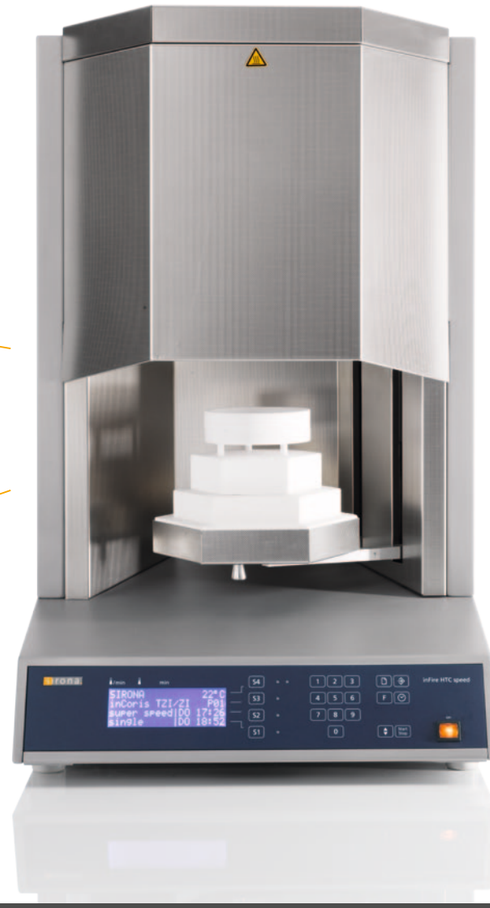
In the Superspeed mode the inFire HTC speed furnace sinters inCoris TZI and inCoris ZI restorations in record time. Its large capacity will boost your productivity. Ceramics and NPM materials can be processed in a single chamber.

60 min.

You can sinter inCoris TZI and inCoris ZI bridges in only 60 minutes.

10 min.

You can sinter inCoris TZI and inCoris ZI crowns in record time



2 in 1

The inFire HTC sinters ceramics and non-precious metal in a single chamber

60 units

Sinter up to 60 units at once thanks to the large furnace volume

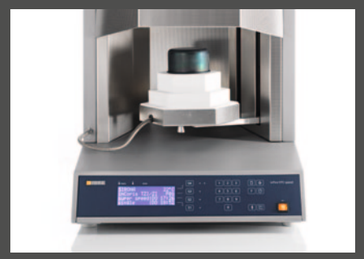
TIME AND COST BENEFITS

- Only 60 minutes for the speed sintering of zirconium oxide restorations
- Timer function for "overnight sintering"
- Simultaneous sintering of up to 60 units

MORE FLEXIBILITY

- Superspeed/Speed program or classic extended sintering
- Regular preset sintering programs for ceramics produced by the leading manufacturers
- Customized programming of up to 7 extended and high-speed sintering programs
- Four preset program positions for sintering with pre-drying and ventilation

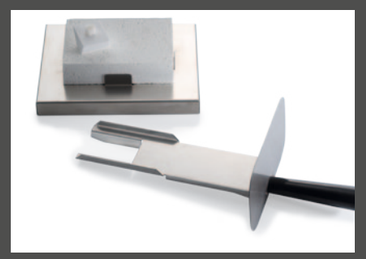
▶ Further information about inCoris and the other high performance Sirona materials can be found in the separate brochure or at sirona.com



The inFire HTC speed with the new Superspeed and Metal functions: Sintering of ceramics and pre-sintered non-precious metals in a single furnace chamber. Integrated gas management module enables NPM sintering in an inert gas atmosphere.

The inFire HTC speed with the new Superspeed and Metal sintering functions gives you the greatest flexibility in terms of material selection. The new inFire HTC control panel boasts a neat and intuitive design.

Special container system for NPM sintering in a protective atmosphere. The container is flooded with argon using the integrated gas management module.



Superspeed accessories

Superspeed ideal for just-in-time crowns
Thanks to the Superspeed sintering program, you can deliver complete zirconia crowns and bridges to your dentist within one and a half hours.

Superspeed for inCoris TZI and inCoris ZI
Approval for the Superspeed sintering function is currently limited to the inCoris TZI and inCoris ZI blocks.

BROAD RANGE OF INDICATIONS.

The right solution for every indication. The intelligent software and sophisticated hardware leave nothing to be desired – in terms of performance, cost-effectiveness and customer satisfaction.

A
Abutments (4)
- Custom hybrid abutments (titanium base + mesostructure) for the most popular implant systems (inLab MC XL, infiniDent)
- Custom one-piece abutments made of titanium alloy for the most popular implant systems (via infiniDent)
- Design: Integrated software application, matching titanium base and various blocks with prefabricated screw channels

Attachments (7)
- Individual parameter adjustments for the attachment pins
- Materials: Zirconium oxide (inLab MC XL, infiniDent), metal (inLab MC XL, infiniDent)

B
Bars (10)
- Choice of several bar geometries
- Design tools allow customization and adaptation to the gingiva level
- Materials: Zirconium oxide (inLab MC XL, infiniDent), metal (inLab MC XL, infiniDent)

C
Crown copings and bridge frameworks (all-ceramic) (3)
- Cusp support combined with partially/fully reduced frameworks to ensure uniform veneer thickness
- Materials: Sintered ceramics: zirconium oxide or aluminum oxide
- Alternative materials: Infiltration ceramics and lithium disilicate (no sintering furnace required)

Crown copings and bridge frameworks (metal) (5)
- Design: inLab SW 4.0 and central production via infiniDent or inLab MC XL and metal sintering with inFire HTC speed and inCoris CC
- Alternative design: Milling of residue-free combustible polymers for traditional casting process

F
Full crowns (2)
- Design: Biogeneric reconstruction based on the occlusal and lateral surfaces of any intact tooth
- Materials: Silicate ceramics and translucent zirconium oxide (inCoris TZI)

I
Inlays
- Design: Biogeneric occlusal surface reconstruction based on residual tooth tissue
- Materials: Silicate ceramics (comprehensively clinically proven)

M
Multilayer
- Multilayer technology for the cost-effective production of all-ceramic bridges and crowns. The anatomically sited restoration proposal is split into two parts by the software. The framework structure is milled out of zirconium oxide (inCoris ZI) and the veneer structure out of a feldspar ceramic (CEREC Blocs)

O
Onlays (1)
- Design: Biogeneric occlusal surface reconstruction based on residual tooth tissue
- Materials: Silicate ceramics (comprehensively clinically proven)

P
Pin models (8)
- Milling of pin models based on digital impressions (Sirona Connect)
- Optimum solution for the quick turnaround of digital orders for single-tooth restorations or smaller bridges
- Material: inCoris Model (polyurethane)
- Models can be articulated

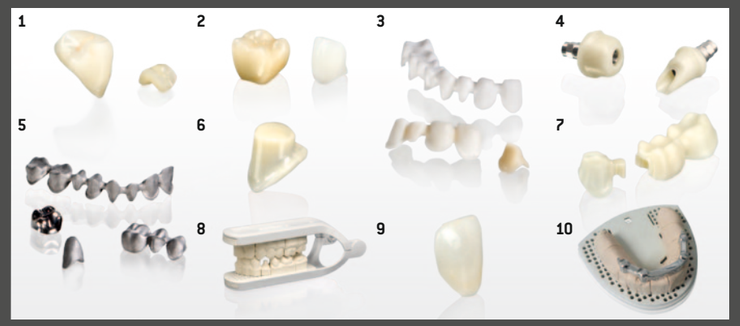
S
Scanbodies
- For transferring the exact position of the implant to the design software.

SLA models
- Are manufactured from an acrylic polymer using a stereolithography (SLA) process (infiniDent)
- More robust and abrasion-resistant than stone models
- Already segmented
- Already pinned on a grid plate
- Stumps can be chamfered (if required)

Surgical guide
- The CEREC Guide is based on planning data derived from CBCT images. Can be created in the laboratory.
- The process is fast and comparatively inexpensive.

T
Telescopes (6)
- Can be aligned parallel to each other
- Materials: Zirconium dioxide (inLab MC XL, infiniDent), metal (inLab MC XL, infiniDent)

V
Veneers (9)
- Ultrathin veneers (minimum thickness: 300 µm)
- Design: Copying and lateral inversion of tooth morphologies between quadrants
- Materials: Polychromatic ceramics for natural enamel-dentin-cervix layering



BROAD RANGE OF MATERIALS.

FURTHER INFORMATION CAN BE FOUND IN SIRONA'S MATERIALS BROCHURE!

The inLab materials are tailored to the innovative design software and Sirona's precise milling/grinding units.

A
Aluminium oxide
- Sintering ceramic for crown copings and frameworks

F/G
Feldspar/glass ceramics
- Suitable for inlays, onlays, veneers, full crowns (comprehensively clinically proven)

Fine-structure feldspar ceramics – CEREC Blocs C/PC for single-tooth restorations
- Enamel-like abrasion properties
- High translucency and chameleon effect
- Very easy to polish
- Monochromatic and polychromatic versions

I
Infiltration ceramics
- Suitable for crown copings and bridge frameworks

L
Lithium disilicate
- Suitable for inlays, onlays, veneers, full crowns, crown copings, bridges

M
Models – inCoris Model for milling models
- Model blanks made from a polyurethane polymer
- Millable on the inLab MC XL
- Available in sizes S (65 mm x 40 mm x 22 mm) and L (85 mm x 40 mm x 22 mm)

N
Non-precious metals – inCoris CC for metal sintering (5)
- Pre-sintered cobalt chrome, easily millable
- No binder removal necessary
- Safe wet milling on the inLab MC XL
- Milling of metal frameworks
- Sintering duration: approx. 4 hours

R
Resin nano ceramics
- Suitable for inlays, onlays, veneers, full crowns

S
Silicate ceramics – CEREC Blocs C In for anterior restorations (1)
- Esthetic silicate ceramics with integrated dentin core
- Fastest production of esthetic anterior restorations
- Optimized automatic positioning of the restoration within the CEREC Blocs C In
- Automatic shade detection
- Additional customization possible

T
TiBase sets – for various implant systems (2)
- Sets consist of a titanium base, scanbody and abutment screw
- Precise transfer of the implant position using scanbodies
- Perfect fit between the adhesive titanium base and the implant

Translucent zirconium oxide – inCoris TZI for full contour restorations
- Highly translucent zirconium oxide sintering ceramic (no veneer required)
- For full contour crowns and bridges with up to four units
- Cost-effective and more esthetic alternative to non-veneered/partially veneered metal restorations
- Superspeed sintering (10 minutes) in the inFire HTC speed furnace and speed sintering in 60 minutes for crowns and bridges

Z
Zirconium oxide – inCoris ZI with Superspeed sintering option (3, 4)
- High-performance ceramic, pre-shaded
- Superspeed sintering (10 minutes) in the inFire HTC speed furnace and speed sintering in 60 minutes for crowns and bridges
- Excellent durability and high fracture resistance
- Exceptional biocompatibility
- High sintered density and small particle size

▶ Further information about inCoris and the other high performance Sirona materials can be found in the separate brochure or at sirona.com

Together with our material partners we offer you a range of high-performance materials which combine exceptional quality with maximum flexibility. Decide for yourself which CAD/CAM material best meets your needs.

MERZ DENTAL · DENTSPLY · ivoclar vivadent · VITA · 3M ESPE

infiniDent*: ENHANCING THE VALUE OF YOUR inLab SOFTWARE.

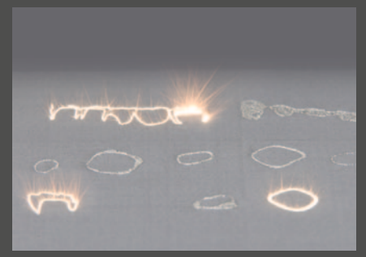
FIND THE WHOLE RANGE OF MATERIALS AT THE infiniDent HOMEPAGE!

Use your inLab SW 4.2 to design high-precision one-piece titanium abutments, cobalt-chrome crowns and bridges, and long-span bridges. Then send your design to infiniDent. Our production center will take care of everything else. There are no new workflows to learn or expensive training sessions to attend. Our portfolio is rounded off by a comprehensive range of services.

* infiniDent is not available in all countries.

Because precision doesn't have to be complicated
As your reliable partner for precise high-quality products, infiniDent offers a wide range of crowns and bridges made exclusively of CE-certified materials supplied by renowned manufacturers. infiniDent processes its open STL format as well as all Sirona inLab formats using validated processes and is thus the ideal complement to your inEos scanner or the inLab system.

No additional investments
With the inLab software and Sirona's infiniDent production center, you now have the choice of ordering one-piece, custom abutments made of titanium or tried-and-tested custom mesostructure. Using validated processes infiniDent manufactures the required products out of CE-certified materials. Without any extra costs for additional software or extensive training.



Always just a mouse click away from the latest technology
As a perfect complement to inLab, infiniDent opens up access to the latest technology and materials. Simply send your design data to infiniDent. Your order will be processed and sent back to you in the quickest possible way.

▶ Further information about infiniDent is available in our separate brochure, from your specialized dealer and at infinidentservices.com

THE PERFECT COMBINATION: inLab AND **SIRONA Connect.**

By deciding to use inLab you can receive digital impression data directly from the dental practice. Easily, reliably and cost-effectively. The Sirona Connect portal, the smartest solution for digital impressions, gives you direct access to thousands of CEREC dentists who work with digital impressions.

OPEN INTERFACES
Receive data and process it flexibly. You can determine your own optimum workflow.

PRODUCT DIVERSITY
Exploit the benefits of the inLab system, transfer jobs to the production center or work with existing CAD/CAM systems.

CUSTOMER RECRUITMENT
Benefit from the largest user base for dentists taking digital impressions. Sirona Connect links you with many new customers and modern model solutions.

- Find more information about Sirona Connect in the separate brochure available from your specialist dealer or visit sirona-connect.net
- **Sirona Connect app for the laboratory**
  Immediate notification with job receipt. Available free in the app store.

RECEIVE, CHECK, PROCESS.

PRACTICE

OPTICAL IMPRESSION IN THE PRACTICE
using the 3 best intraoral scanners on the market.

The economic APOLLO DI, the proven CEREC Bluecam or the powder-free CEREC Omnicam ensure rapid data capture and high measuring precision.

PORTAL

RECEIPT OF DATA
including detailed job description via the Sirona Connect Portal.

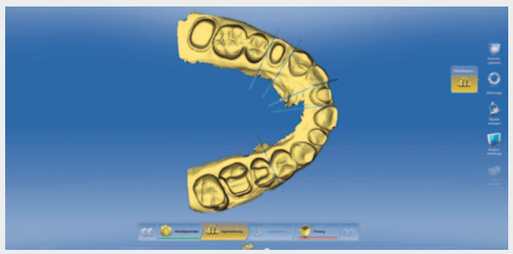
You are immediately notified by email or via the Sirona Connect app about incoming jobs.

DIRECT FEEDBACK
even while the patient is being treated.

The direct discussion of the digital impression with the dentist reduces the need for later corrections.

LABORATORY

FURTHER PROCESSING OF THE DATA
for the flexible production of models and restorations.

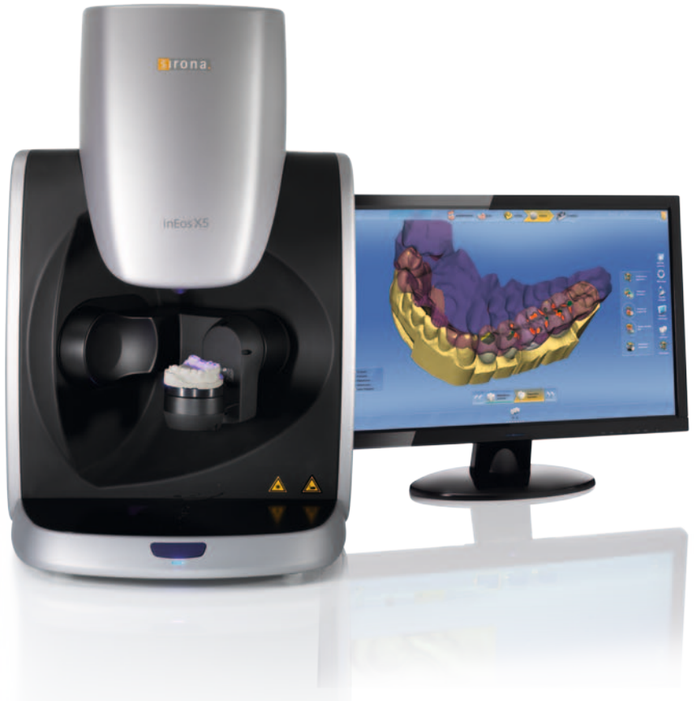


The inLab software provides the basis for ordering models, for designing and producing restorations, and for exporting data (open interface) ready for processing on third-party CAD/CAM systems.

TECHNICAL DATA.

Material	Feldspar/glass ceramics	High-strength glass ceramic*	Hybrid ceramic	Zirconium oxide/ aluminum oxide	Infiltration ceramics	Polymers	Non-precious metals
Indications							
Inlay, onlay	■	■	■	■			
Veneer	■	■	■				
Full crown	■	■	■	■		■	■
Coping		■	■	■	■	■	■
Bridge framework				■	■	■	■
Full contour temporary				■		■	
Abutment				■			■
Telescope				■			■
Bar				■			■
Attachment				■			■
Model						■	

* Indications like e.max.



inFire HTC speed	Data
Dimensions (W x H x D) in mm	500 x 802 x 565
Weight	80 kg
Power consumption	200–230 V
Mains frequency	50/60 Hz
Mains voltage	3.600 VA
Furnace chamber	■ Diameter 130 mm ■ Height 80 mm
Applicable materials	■ Zirconium oxide ■ Aluminium oxide ■ Cobalt chrome
Options	■ Sintering ■ Pre-drying ■ Superspeed function
Ports	RS 232 (service)
Sintering times	■ Crown: 10 minutes ■ Crown and bridges: 60 minutes
Versions	■ inFire HTC speed with Super-speed ■ inFire HTC speed with Super-speed and argon flooding

inLab MC XL	Data
Dimensions (W x H x D) in mm	700 x 420 x 400
Weight	43 kg
Power consumption	100–230 V
Mains frequency	50/60 Hz
Mains voltage	320 VA
Ports	LAN, WLAN (optional), RS 232 (service)
Network connection	Yes
Volume in mm	85 x 40 x 22
Precision	25 µm
Milling time for a 4-unit zirconium oxide bridge	30 min.
Milling time for a feldspar ceramic crown	10 min.
Noise level	65 dbA
Bur length	12 mm and 20 mm
Integrated water tank	3 liters
Motors	4
Filter system	Fine cellulose filter
Software download	Automatic
Time remaining indicator	Yes
Storage drawers for consumables/accessories	2

inEos X5	Data
Dimensions (W x H x D) in mm	474 x 735 x 460
Weight	40 kg
Power consumption	100–240 V
Mains frequency	47–63 Hz
Mains voltage	150 W
Scanning method	Stripe light projection
Scanning material	All popular dental plasters except for non-absorbent, reflecting or transparent materials
Interface	USB 2.0
Network connection	Via scanner PC: LAN/WLAN (optional)

THE inLab BROCHURE AS AN E-PAPER
The free e-paper version of this brochure with digital extras and additional information can be found at **sirona.com**

ALWAYS AT THE FOREFRONT OF **INNOVATION!**

As global innovation leader for dental equipment, we continuously invest in research and thus in the future of modern dentistry. By networking digital technologies with integrated solutions and optimizing the treatment workflow, we create improved treatment results, more comfort and safety for the patient as well as time and cost savings in everyday work. The combination of constant innovative power and globally growing sales and service structures makes Sirona the global market leader trusted by thousands of practices and labs around the world. **Enjoy every day. With Sirona.**

CAD/CAM systems
From pioneer to new standard. For almost 30 years we have been developing digital dentistry and creating new possibilities for the future practice and lab.

Imaging systems
Best image quality with the lowest dose. More than 100 years of developing x-rays for the dental practice make us the number 1 innovation partner.

Treatment centers
The business card of modern practices. We are striving to create the ideal ergonomic and innovative center. Individually tailored to the well-being and demands of the patient and dentist.

Instruments
Advantages that speak for themselves. We make sure that we provide the right balance of proven quality, individual ergonomics and innovative technology for user-friendly work.

Hygiene systems
Competence that gives you safety. When it comes to hygiene in the practice, we do not take any shortcuts.

The Dental Company

sirona.

RTS-RIEGERTEAM.DE

Subject to technical changes and errors in the text, Order No. A91100-M43-B659-01-7600, Printed in Germany, Dispo-No. 04605, JP13-0620 WS 02135.V0