SIRONA CONNECT

JOIN US IN THE WORLD OF DIGITAL IMPRESSIONS.

SIRONA.COM

The Dental Company

sirona.

PRACTICE

THE BENEFITS FOR DENTISTS:

SIMPLE PROCESS

You simply scan, check and send. And that's all. With Sirona Connect you can make digital impressions of the whole jaw in no time at all and send the data directly to your dental laboratory.

3 CAMERA OPTIONS

Very cost-effective, tried and tested many times, or powder-free and in natural colors. Simply choose the intraoral scanner that meets the digital requirements of your practice.

PRECISE IMAGES

Unrivalled scanning precision and a simpler workflow compared to conventional impression-taking. This ensures high-quality impressions, even for beginners.

LABORATORY

THE BENEFITS FOR DENTAL TECHNICIANS:

OPEN INTERFACES

You receive the data and can process it flexibly. Thanks to open interfaces you can determine your ideal digital workflow yourself.

VARIOUS PRODUCTION OPTIONS

With Sirona Connect you can make the most of the benefits of Sirona's inLab system, transfer jobs to the central CAD/CAM production facility or work with existing CAD/CAM systems.

RECRUITMENT OF NEW CUSTOMERS

Sirona has the largest user base of dentists taking digital impressions – worldwide. In other words, the Sirona Connect portal gives you access to numerous new customers.

SIRONA CONNECT. THE SMART CHOICE FOR DENTAL PRACTICES AND LABORATORIES.

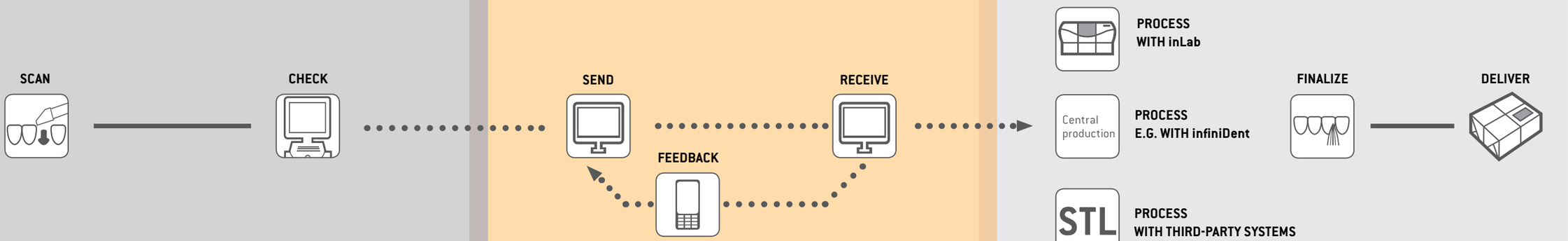
Digital impressions offer many benefits, all under one name: Sirona Connect. This is by far the most innovative and, at the same time, the most individual solution for dentists who does not want to miss the digital connection to the dentistry of tomorrow. Sirona Connect gives you the choice between the three best intraoral scanners on the market – completely in line with the requirements of your practice. And for dental technicians, Sirona Connect means above all: Flexibility. Thanks to the open data interface, you can process orders from the practice quickly, reliably and efficiently. **Enjoy every day. With Sirona.**

INCREASED EFFICIEN CY WITH A DIGITAL WORK FLOW.

Compared to conventional impressions, digital impression-taking offers you decisive benefits. Sirona Connect reduces the number of processing steps necessary in the practice and laboratory. You can concentrate on the essentials: on the well-being of your patients and on the precise quality of the restoration for high-quality esthetics.

PRACTICE PORTA L LABORATORY

HOW SIRONA CONNECT WORKS:



APOLLO DI
The most cost-effective start to digital impression-taking. Simple, intuitive handling, ease and precision.

CEREC Bluecam
Scan coated jaws with the highest level of precision. Reliable, efficient and proven many times over.

CEREC Omnicam
Unsurpassed handling, powder-free scanning and precise 3D exposures in natural colors.

DIRECT DATA TRANSMISSION
between practice and laboratory via the Sirona Connect portal.

inLab SOFTWARE 4.2
with intuitive user interface and innovative design tools to receive and process digital impression data.

MILLING AND GRINDING
of restorations and pin models with the inLab MC XL.

OPTIONAL PRODUCTION OF SLA MODELS
and/or restorations via a production center, e.g. infiniDent.

OPEN INTERFACES
to generate restorations or models with other CAD/CAM systems.

DIGITAL IMPRESSIONS IN THE DENTAL PRACTICE. SIMPLICITY RIGHT FROM THE START.

Profit from the benefits of the digital workflow with the diversity of the camera options offered by Sirona Connect: short scanning times, intuitive handling, improved hygiene and, above all, greater patient comfort. The innovative imaging technique and modern treatment methods will enhance the prestige of your dental practice.

1. SCAN

OPTICAL IMPRESSION
with one of three intraoral scanners from Sirona. Intuitive operation, quick scanning processes and high level of precision.

You can already preview the three-dimensional data model during the scanning process.

2. CHECK

CHECKING AND ASSESSING
the digital impression on the monitor. Scanning with a 3D preview allows you to recognize immediately whether adjustments are necessary.

Display of the occlusal contact points and comparison with the markings of the articulating paper. You can draw in the preparation margin yourself or you can leave this to the laboratory.

3. SEND

SEND THE DATA
directly to the laboratory. Within a few seconds you can upload the data plus a detailed job description via the Sirona Connect portal. The commissioned laboratory will give you feedback promptly if required.

You can send the laboratory additional information such as patient photos. There are no additional costs for each data transfer.

PRACTICE

INTUITIVE SCANNING. CHOICE OF THREE HIGH-TECH SYSTEMS.

CEREC Omnicam, CEREC Bluecam and APOLLO DI. Three cameras make it even easier to start in the digital impression. Each dental practice has its own requirements. With Sirona Connect, you can choose between the three best intraoral scanners on the market – ranging from particularly costeffective and tried-and-tested to powder-free and in natural colors.

APOLLO DI
– Easy handling thanks to multi-touch control
– Small and lightweight camera
– Export of scan-data in the laboratory
– No follow-up costs

THE ECONOMICAL START

APOLLO DI, the specially developed intraoral scanner for cost-efficient digital impressions.

STL

OPEN APOLLO DI*:
Export of digital impression data (captured with the APOLLO DI in the practice and received via the Sirona Connect Portal) in an open STL format for processing in other CAD/CAM systems.

* Not available in all countries.

3 PRACTICE

CEREC AC Connect with Bluecam
– Simple operation
– Quick optical impressions
– Export of design data in the laboratory
– No follow-up costs

PROVEN MANY TIMES OVER

The CEREC Bluecam scans coated surfaces with impressive precision and efficiency.

CEREC AC Connect with Omnicam
– Powder-free impressions
– Precise 3D images in natural color
– Export of design data in the laboratory
– No follow-up costs

POWDER-FREE AND IN COLOR

CEREC Omnicam, the sensation in the CAD/CAM camera sector, makes scanning easier, more intuitive and more ergonomic than ever before.

SUITABLE FOR DIGITAL IMPLANT TREATMENT

SIRONA CONNECT POR TAL. THE DIRECT LINK BETWEEN PRACTICE A ND LABORATORY.

The most frequently used network for digital impressions worldwide makes teamwork easier. Fast and reliable transfer of model data and order details. No additional charge is made for each data transmission.

1. SEND

DATA UPLOAD
directly from the CEREC Connect or APOLLO Connect software. The smallest data set size is uploaded in no time at all. This allows you to react quickly and saves time and money. You can also send your data with anonymous reference numbers instead of with patient names.

2. RECEIVE

RECEIVING A JOB
As a dental technician you are informed immediately by e-mail or via the Sirona Connect App that you have received a job. You can monitor your jobs anywhere and release them for processing. Jobs are downloaded with the inLab software. You decide whether to continue producing models or restorations.

3. FEEDBACK

DIRECT COMMUNICATION
on model data. You can also transfer additional information (e.g. patient photos). Direct feedback reduces the need for subsequent adjustments. You can even communicate with the technician while the patient is being treated.

PORTAL

DIGITAL IMPRESSI ONS IN THE LAB.
YOUR LINK TO A DI GITAL PRACTICE.

As a dental technician, you can profit from the digital workflow with Sirona Connect. The direct transmission of data is not only free of charge, but also more reliable and faster than any impression tray. You can concentrate fully on your key skills: creating top-quality esthetic restorations. The Sirona Connect system with its open interfaces offers you numerous production options.

CUSTOMER ACQUISITION

Take advantage of the largest dental network with many thousands of users of digital impressions worldwide. Direct feedback improves cooperation and customer loyalty.

PROCESSING WITH inLab

DESIGN AND PRODUCTION USING THE inLab SYSTEM

You can process downloaded jobs directly with the inLab software and start designing the restoration immediately. The inLab system provides numerous benefits in terms of material and design. Depending on your requirements, you can optimize your laboratory workflow using individual inLab components or the whole system.

▶ More information on the inLab 4.2 software, the inLab MC XL milling and grinding unit, as well as the other inLab laboratory solutions can be found on pages 14–17 and 20–21.

PROCESSING, E.G. WITH infiniDent

Central production

MODELS AND RESTORATIONS BY CENTRAL PRODUCTION FACILITY

Sirona Connect gives you access to modern model solutions such as SLA models produced by infiniDent. In addition to producing highly precise models, you can use infiniDent as a service for external production of your restorations. Simply send your design data and take advantage of an extended range of materials and indications.

▶ More information on infiniDent and other options for model production can be found on pages 18/19.

PROCESSING WITH THIRD-PARTY SYSTEMS

STL

OPEN INTERFACES

You can use Sirona Connect to export your scanned or design data according to your requirements – for example, to use existing CAD/CAM systems or to gain access to new implantation options.

- **OPEN APOLLO DI***
  Export of scan-data (acquired in the practice with APOLLO DI and received via the Sirona Connect portal) in an open STL format for processing in other CAD/CAM systems.
- **OPEN Model**
  Export of model design data in the inLab software as an open STL format for processing in other CAD/CAM systems.
- **OPEN 3shape**
  Export of impression data from Sirona Connect in a format compatible with 3Shape Dental Designer.
- **OPEN inLab**
  Export of restoration design data in the inLab software as an open STL format for processing in other CAD/CAM systems.
- **OPEN GALILEOS Implant**
  Export of inLab restoration data for import into the implant planning software GALILEOS Implant.

* Not available in all countries.

LABORATORY

CONTINUE THE DIGITAL WORKFLOW WITH **inLab SOFTWARE 4.2.**

Consistent, cost-effective and innovative. Using the new inLab software 4.2 – the heart of the inLab system – you can manage your entire digital production process, i.e. from downloading digital impressions and design to milling and grinding restorations and models.

CONSISTENT

The in-house design and fabrication options with inLab fit in ideally with the Sirona Connect workflow.

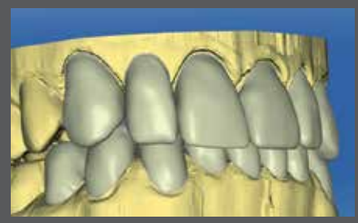
INNOVATIVE

Modern design tools such as the virtual articulator with intuitive handling are geared to your dental skills and offer you additional design options.

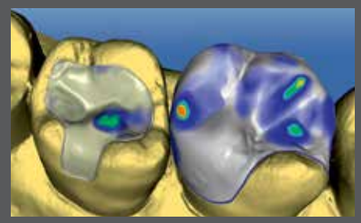
COST-EFFECTIVE

As an inLab user, you can process digital impressions directly and retain most of the added value in your own laboratory.

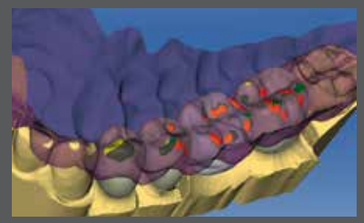
COMPREHENSIVE APPLICATIONS AND DESIGN OPTIONS:



DESIGN SEVERAL RESTORATIONS AT THE SAME TIME
The software adapts to your individual way of working, especially in complex restoration cases.



BIOGENERIC OCCLUSAL SURFACE DESIGN
The individual tooth situation is analyzed with metrical precision and the occlusal morphology reconstructed automatically and naturally.



VIRTUAL ARTICULATOR
Dynamic occlusal relationships can be taken into consideration during the design process via the virtual articulator.

SMILE DESIGN
For improved esthetics of anterior teeth, patient photos can be blended into the 3D design model.

CUSTOM ABUTMENTS
The optimally aligned restoration axis and the abutment design via the top-down method offer the highest standard of reliability and flexibility.

CEREC Guide
Cost-effective production of surgical guides on the basis of your dental planning data. Precise and economical fabrication using inLab MC XL.

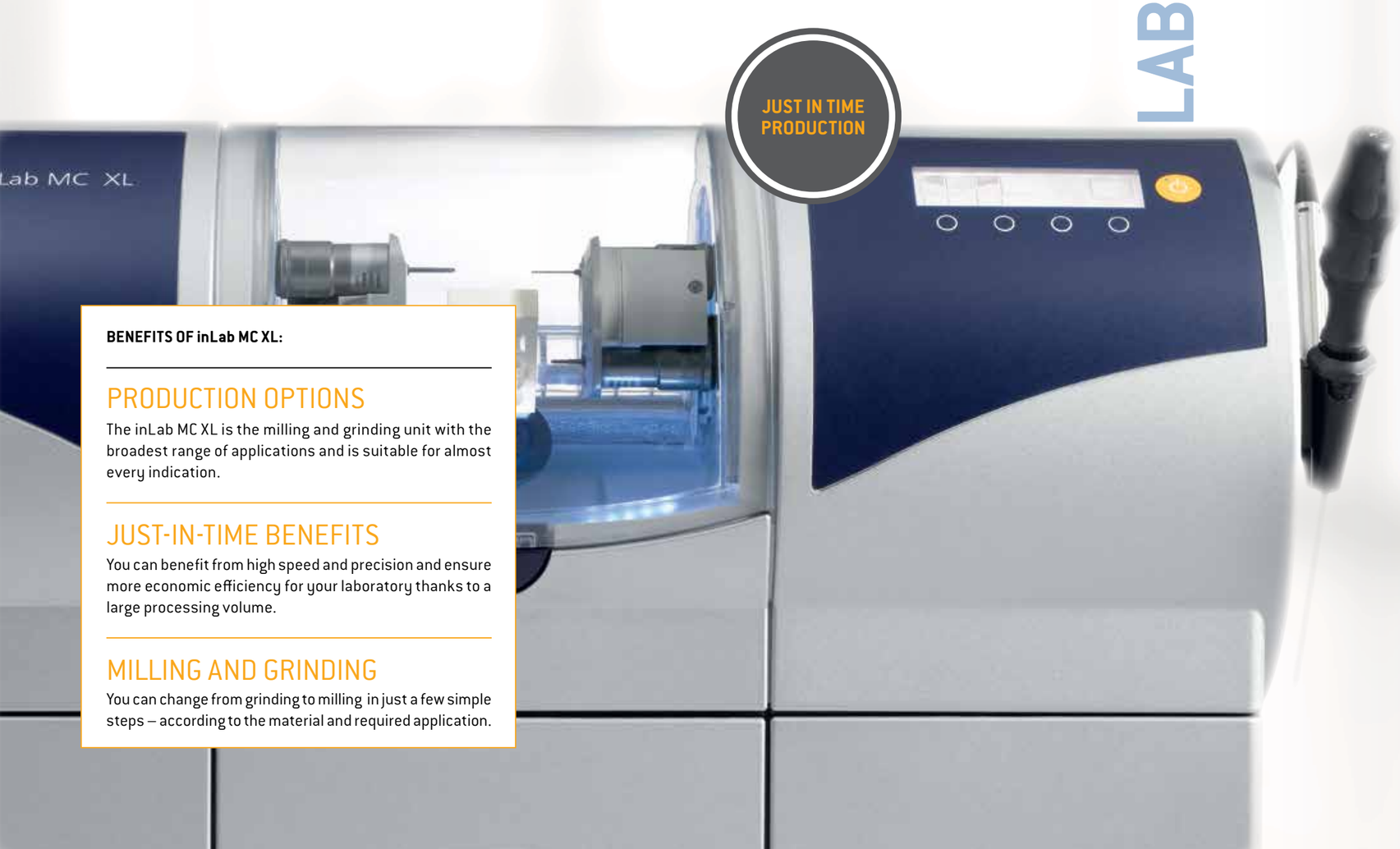
▶ You can find more information on the inLab system and the design options of inLab SW 4.2 in the separate inLab brochure.

DIGITAL IMPRESSIONS GEARED TO A **FULL RANGE OF INDIC ATIONS.**

You know best which material is most suitable for your esthetic considerations and how you can work most efficiently. You decide how much digitalization is right for your laboratory. Sirona Connect allows a high degree of flexibility. You can continue the in-house production process with Sirona inLab units, work with other CAD/CAM systems or simply leave the job to a partner laboratory you can rely on.

LABORATORY

JUST IN TIME PRODUCTION



BENEFITS OF inLab MC XL:

PRODUCTION OPTIONS

The inLab MC XL is the milling and grinding unit with the broadest range of applications and is suitable for almost every indication.

JUST-IN-TIME BENEFITS

You can benefit from high speed and precision and ensure more economic efficiency for your laboratory thanks to a large processing volume.

MILLING AND GRINDING

You can change from grinding to milling in just a few simple steps – according to the material and required application.

MILLING

Milling of zirconium oxide and polymers
In addition to grinding, you can mill zirconium oxide and polymer materials with the inLab MC XL. This means that you benefit from an enhanced initial fit and a faster production process.

Wet grinding of sintered non-precious metals
inLab "goes metal". If you choose the inLab MC XL and the new inCoris CC sintered metal blocks, you are opting for the full range of applications with metal and ceramics. And thanks to the unique method of wet grinding, you are also opting for hygienically safe working.

Efficient use of materials
The "nesting" and "stacking" function of the inLab software supports cost-effective milling and grinding. You can fabricate several restorations using one block of material in its entirety and benefit from the favorable prices per unit as well as optimal machine utilization, e.g. by grinding or milling overnight.

Full range of laboratory indications
Sirona Connect has a high level of production flexibility, as demonstrated clearly by the variety of indications offered by the inLab system, which range from inlays, onlays, veneers, partial and full crowns to multi-unit bridges, custom abutments, telescopes, bars and attachments.

EXTERNAL PRODUCTION OF RESTORATIONS

PRODUCTION OF RESTORATIONS USING A THIRD-PARTY SYSTEM
Thanks to the OPEN inLab interface you can export restorations designed in the inLab software in the open STL format and carry out processing using a third-party CAD/CAM system.

STL

PRODUCTION OF RESTORATIONS USING A PRODUCTION PARTNER
Alternatively, you can have your restorations fabricated by a central production facility such as infiniDent. You simply send your design data and benefit from an extended range of materials and indications.

MODERN MODEL PROD UCTION BASED ON DIGITAL LAB DATA.

Digital data makes designing easier – and offers new options for modern model production, such as the SLA models from infiniDent*. All you have to do is forward the data from the inLab software to Sirona's central production facility. This saves valuable working time.

UPLOAD DATA

Upload the exported model data on infinidentservices.com.

DELIVERY

The finished SLA model pinned on plates will be delivered to your laboratory within a few days.

MOUNTING THE MODEL

You can mount the SLA model in the articulator as usual by using adapter plates.

ADDITIONAL MODEL PRODUCTION

JUST-IN-TIME MODELS WITH inLab MC XL
The quick and flexible supplement for the central production facility – with inLab milled pin models. For example, as partial jaw models for single tooth restorations or small bridges in the posterior tooth region. You benefit from a reliable and cost-effective process in your own laboratory.

PRODUCTION OF MODELS USING A PRODUCTION PARTNER
Thanks to the OPEN Model interfaces, you can export the model data designed on the inLab system in the open STL format and use alternative production processes such as a 3D printer to produce models.

* Not available in all countries.

inLab SETS NEW STAN DARDS, **NOT LIMITATIONS.**

inLab will improve your laboratory workflow on the basis of first-class dental know-how, innovative software and hardware, as well as open interfaces.

inEos X5: THE MOST INNOVATIVE SCANNER
The new 5-axis extraoral scanner with robot arm, innovative model positioning, new scanning technology and open interface is very impressive by virtue of its unrivalled precision, flexible handling, short scanning times and an extremely broad range of applications.

- Fully automated with manual scanning
- Fast innovative 5-axis scanning technology
- Outstanding precision

STL

OPEN inEos
Scanning data can be exported as an open STL format for processing in other CAD/CAM systems.

inLab MC XL: METAL PROCESSING AND MILLING
Wet grinding of presintered metal, milling of zirconium oxide and polymer materials – all in the inLab MC XL. Decide in favor of the full range of applications, for precise working and for the benefits of production in your own laboratory.

- Wet grinding of presintered metal inCoris CC
- High precision milling of zirconium oxide and polymer materials

inFire HTC speed: SINTERING IN 10 MIN.*
The inFire HTC speed sinters inCoris TZI and inCoris ZI in record time thanks to the Superspeed function. With its large capacity it will boost your productivity and can process ceramics and NPM materials in a single chamber.

- Sintering in record time
- Sintering of ceramics and metal in one chamber
- Large furnace capacity (for up to 60 units)

* e.g. crowns.

▶ You can find more information about the inLab system, other individual components and the variety of materials and indications in the separate inLab brochure or at your specialized dealer.

LABORATORY

TECHNICAL DATA **DENTAL PRACTICE.**

Features	APOLLO DI (NEW)	CEREC AC Connect with Bluecam	CEREC AC Connect with Omnicam
Advantages	■ Specifically developed for digital impressions ■ Screen with multi-touch control	■ Scans coated surfaces in a short time with impressive precision and efficiency ■ Implant treatment possible using intraoral scan body	■ Color display facilitates differentiation between tooth and gingiva ■ Implant treatment possible using intraoral scan body
Interfaces	OPEN inLab, OPEN Model, OPEN Galileos, OPEN 3Shape, OPEN APOLLO DI	OPEN inLab, OPEN Model, OPEN Galileos, OPEN 3Shape	OPEN inLab, OPEN Model, OPEN Galileos, OPEN 3Shape
Imaging technique	Filming Data is acquired continuously with a flowing imaging technique (no blurred images).	Photographing A 3D model is achieved on the basis of only a few individual images.	Filming Data is acquired continuously with a flowing imaging technique (no blurred images). The result is a 3D model in color.
Distance from the tooth	The camera is moved about 2–20 mm above the tooth surface.	The camera is placed directly on the tooth.	The camera is moved about 0–15 mm above the tooth surface.
Camera dimensions	■ Overall length: 220 mm ■ Length of the camera sleeve: 64 mm ■ Height and width of the tip: 18.5 mm x 23 mm	■ Overall length: 206 mm ■ Length of the camera sleeve: 86 mm ■ Height and width of the tip: 22 mm x 17 mm	■ Overall length: 228 mm ■ Length of the camera sleeve: 108 mm ■ Height and width of the tip: 16 mm x 16 mm
Camera weight	100 g	270 g	313 g
Can be upgraded to the chairside system		■	Conversion only possible at the factory
3D scans in color			■
Powder-free	Easy spraying with APOLLO DI SpeedSpray	Easy powdering with CEREC Optispray	■
Dimensions (H x W x D)	117 cm x 64 cm x 45 cm	121 cm x 36 cm x 47 cm	121 cm x 36 cm x 47 cm
Weight	approx. 30 kg	approx. 43 kg	approx. 43 kg
Monitor	21.5", resolution: 1,920 x 1,080 pixels (MULTI-TOUCH)	19", resolution: 1,280 x 1,024 pixels	19", resolution: 1,280 x 1,024 pixels
Power supply	■ Standard mains power supply (100–240 V, 50/60 Hz)	■ Standard mains power supply (100–230 V, 50/60 Hz) ■ Optional: Uninterruptible power supply (short-term battery)	■ Standard mains power supply (100–230 V, 50/60 Hz) ■ Optional: Uninterruptible power supply (short-term battery)
Network connection	■ WLAN	■ LAN and WLAN	■ LAN and WLAN
Software	APOLLO Connect SW ■ Acquisition of preparation, antagonist and bite situation ■ Computation of the 3D model ■ Insertion of the preparation margin ■ Link to the Sirona Connect portal	CEREC Connect SW 4.2 ■ Acquisition of preparation, antagonist and bite situation ■ Computation of the 3D model ■ Insertion of the preparation margin ■ Link to the Sirona Connect portal	CEREC Connect SW 4.2 ■ Acquisition of preparation, antagonist and bite situation ■ Computation of the 3D model ■ Insertion of the preparation margin ■ Link to the Sirona Connect portal
Data format	.dxd via the Sirona Connect portal	.dxd via the Sirona Connect portal	.dxd via the Sirona Connect portal
Sirona Connect portal	Requirements: Internet connection, E-mail address, one-off registration with www.sirona-connect.net		

Subject to technical modifications.

TECHNICAL DATA **DENTAL LAB.**

Software	
inLab SW ≥3.8x and inLab SW 4.x	■ Log-in to the Sirona Connect portal ■ Design of restorations ■ Export of scan or design data via open interfaces ■ infiniDent interface (for delivery)
Production	
inLab MC XL	Inlays, onlays, veneers, crowns, copings, bridges, abutments, models, telescopes, bars, attachments Material: Feldspar/glass ceramic, lithium disilicate, zirconium oxide, aluminum oxide, infiltration ceramic, polymers
infiniDent Central production facility	Copings, bridge frameworks (zirconium oxide and metal up to 16 units), models Material: Zirconium oxide, aluminum oxide, infiltration ceramic, non-precious metals, polymers
Sirona Connect portal	Requirements: Internet connection, E-mail address, one-off registration with www.sirona-connect.net

Subject to technical modifications.

THE SIRONA CONNECT 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

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