inLab
DENTAL LAB
FREEDOM OF CHOICE.
inLab

CAD/CAM with inLab – now you have freedom of choice for scanning, designing and fabrication. Your dental lab is all set for the future with new high-performance inLab components. Scanners, software and production units are now optimally coordinated and even more in tune with dental technician requirements. Together, they ensure the greatest variety of materials for a broad range of indications and user-friendly applications.

Scan from page 04
inEos X5 – one scanner, all options.

Design from page 08
NEW*: inLab SW 15.0 – dental design needs good software.

Production from page 16
- NEW: inLab MC X5 – greater freedom.
- inLab MC XL – speed and precision.
- NEW: inLab CAM software – digital next level.
- inFire HTC speed – fastest sintering furnace.

In addition, with Sirona Connect you have access to the largest installed base of digital intraoral impression systems. inLab is open and STL interfaces permit flexibility when integrating existing CAD/CAM solutions for independent and cost-efficient production processes. Enjoy every day. With Sirona.

infiniDent from page 22
Central production.

CAD/CAM materials from page 26
All from one source.

Sirona Connect from page 28
Digital impressions.

* Available starting from October 2015.
**inEos X5 – ONE SCANNER, ALL OPTIONS.**

**TOP TECHNOLOGY – MADE IN GERMANY.**
The high-precision scanning element of the inEos X5 was developed specifically for dental applications. It provides outstanding accuracy and highest depth of field. All scanner components were developed in Germany and produced according to strict quality standards.

**INTELLIGENT SCANNING TECHNOLOGY**
The inEos X5 ensures precise digital registration of all indication types with its robot arm, unique 5-axis scanning technology combined with large working area. Preparations are clearly visible.

**Scanning in record time.** Whole jaw models are digitized in less than 60 seconds using the large scanning field.

**NEW: Implants.** Using the new one-piece scanbody implant positions can be determined with a high degree of precision even for long-span screw retained implants.*

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

**NEW: Texture scan.** Visual support for example of a metal cast design in inLab software.*

**NEW: Multi-die scanning.** Up to four prepared stumps are scanned fully automatically and inserted into the digital model with no manual interaction.

**Manual scanning.** Smaller jobs with only a few preparations can be scanned quickly and efficiently using manual mode.

**Open scanner.** The model data collected with inEos X5 can be exported as STL.

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*Prerequisite: inLab SW 15.0; Screw retained bridges and bars coming soon.
inEos X5 – HIGH PRECISION.

inEos X5 was developed by Sirona according to the highest quality standards for optical measuring systems. After a short period of time it is already established on the market as the reference scanner. inEos X5 ensures greatest accuracy for all dental technician digitization work – from the palate to the tip of the scanbody.

**NEW: inPost**
The new one-piece scanbody is made with high-precision and its coating and shape are optimally compatible to the special optics of inEos X5.

**NEW: SCAN WORKFLOW**
The new scan strategy for long-span screw retained implants with inEos X5 determines the position and angle of the implant position with great accuracy.

**NEW: high-precision calibration set**
The new calibration set and new calibration method ensure long-lasting reproducibility and highest precision.

**Special optics.** The camera optics based on digital stripe light projection with blue light are optics produced according to strict quality standards. In addition, inEos X5 scans all situations with the greatest reliability. All optical components of inEos X5 are designed and produced specifically for dental applications.

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**NEW: SCAN WORKFLOW**
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**Triple-tray scan.** Benefit from the fully digital process – the short time from preparation through scanning bite registration impression trays to the final restoration.

**Intuitive user interface.** A digital model with just a few clicks. The intuitive user interface of inLab Scan SW with a choice of object-specific scan strategies gives you extremely precise, reproducible results for all scanning work.

**Maximised control.** Supplement the images generated by the fully automatic scan technology with user-specific views. Use the click-to-scan function to capture all areas of the model as desired.

**Wide range of accessories.** Experience inEos X5 with its custom accessories for fast, easy positioning of all scan objects and save time.

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**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>inEos X5</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (W x H x D) in mm</td>
<td>474 x 735 x 460</td>
</tr>
<tr>
<td>Weight</td>
<td>40 kg</td>
</tr>
<tr>
<td>Mains voltage</td>
<td>100–240 V</td>
</tr>
<tr>
<td>Mains frequency</td>
<td>47–63 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>150 W</td>
</tr>
<tr>
<td>Scanning technique</td>
<td>Digital stripe light projection</td>
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<tr>
<td>Scanning material</td>
<td>All popular dental gypsum except non-absorbent, reflective or transparent materials</td>
</tr>
<tr>
<td>Interfaces</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Network connection</td>
<td>via scanner PC: LAN/WLAN</td>
</tr>
</tbody>
</table>

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**NEW**

*Prerequisite: inLab SW 15.0.
 **In preparation. Coming soon for screw retained bridges and bars.
inLab SW 15.0 — DENTAL DESIGN REQUIRES GOOD SOFTWARE.

The new inLab software 15.0 is a comprehensive further development designed to meet the requirements of CAD/CAM systems in dental labs. Having separate CAD components the software is independent of the scanning and production unit and is open for flexible STL integration in existing scanners and machines. CAD with inLab SW 15.0 accommodates need-based indications, optimized design processes together with user-friendly interface.

DESIGN AS REQUIRED

You have a broad choice of indications beyond basic applications you can select with inLab SW 15.0 CAD software. Four software modules cover the most important indications. You remain entirely free to decide, if and when, you would like to add an available update — no required updates, no expiry date, no annual license fee and no pay per unit fee.

- **inLab SW 15.0 Basic Module**
  - Inlays, onlays, veneers, full crowns, bridges, copings, bridge frameworks, multi-layers
  - All design tools, virtual articulator, Smile Design
  - Sirona Connect access
  - NEW: J.O.B.S. Jaw Oriented Biogeneric Setting
  - NEW: Dental databases
  - NEW: Virtual insertion
  - NEW: Gingiva elements

- **inLab SW 15.0 Implantology Module**
  - Customized abutments and direct screw retained crowns
  - NEW: Screw retained bridges and bars on implants
  - NEW: Surgical guides

- **inLab SW 15.0 Removable Dental Prosthesis Module**
  - Telescopes, bars, attachments
  - NEW: Model cast

- **inLab SW 15.0 Interface Module**
  - One license for all available import and export interfaces. Allows flexible integration of inLab CAD software into nearly all existing CAD/CAM equipment.

inLab CAD BASIC — YOUR TOOLS FOR EFFICIENT DESIGN

Everything you need at a glance. High-performance software with quick access to tools and an intelligent workflow for fast, easy support of the design process.

- **NEW: J.O.B.S. Jaw Oriented Biogeneric Setting**
  - Especially for larger cases based on the digital jaw information and residual tooth substance. Alternative selection of different dental databases for example jaws with few teeth.

- **NEW: Virtual insertion**
  - Simultaneous design of several restoration levels in complex cases.

- **NEW: Gingiva design**
  - Separate design element for producing restorations with a gingival component.

Virtual articulator. Visualization of the complete paths of movement to determine the static and dynamic contact surfaces for correct functional occlusion.

Smile Design. To simulate the harmonious effect of the design proposal and balancing the smile lines using a 3D patient image.

* Required for all other modules. ** Prerequisite: inLab SW 15.0 Basic Module.
The abutment is designed either directly or top down, i.e. fully anatomical designs can be split into crown or crown coping and abutment at the press of a button and then produced for example with inLab MC X5 or inLab MC XL.

For in-house production for example with inLab MC XS (zirconium oxide or PMMA). You can design screw retained bridges and bars on multi-unit abutments with inLab SW 15.0.

inLab SW 15.0 leads you easily and quickly through the steps to your desired design. The design data set can be sent for example to infiniDent or be sent as STL export using the interface module for fabrication at a suitable CAD/CAM production center.

The inLab SW 15.0 implantology module includes all the necessary tools for precise implant restorations for single and multiple implants and also for the first time screw retained bridges and bars*.

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SCREW RETAINED BRIDGES AND BARS WITH IMPLANT CONNECTION*

SCREW RETAINED BRIDGES AND BARS ON MULTI-UNIT ABUTMENTS (SCREWED OR CEMENTED)

CUSTOM ABUTMENTS ON SIRONA TiBase (ADHESIVE BASE)

The abutment is designed either directly or top down, i.e. fully anatomical designs can be split into crown or crown coping and abutment at the press of a button and then produced for example with inLab MC XS or inLab MC XL.

* Coming soon.
You can design and produce custom surgical guides in your lab quickly and cost-effectively with inLab SW 15.0. As part of integrated implant planning with Sirona 3D X-ray systems, surgical guides produced by CAD/CAM are an accurate basis for planning the surgical procedure.

**SURGICAL GUIDES — FOR INTEGRATED IMPLANTOLOGY**

The optical data is exported.* Match the optical data with the 3D X-ray data (ORTHOPHOS SL 3D, XG 3D or GALILEOS) for subsequent implant planning as a *.cmg.dxd planning file.

The *.cmg.dxd planning file is imported into the inLab software 15.0 to design the surgical guide*. The shape of the surgical guide can be individually adapted for any span size with one or more drill holes.

The surgical guide can then be milled in-house using the inLab MC XS or inLab MC XL ** for example or sent via STL export for print production.***

**INTERFACES — RETAIN FLEXIBILITY.**

With inLab SW 15.0 you can decide on a case-by-case basis whether to complete the entire CAD/CAM process with Sirona components or use individual solutions from other manufacturers.

The optional interface module of inLab SW 15.0* gives you more versatility for your CAD/CAM infrastructure. For example:

- NEW: STL import of scan data (extraoral and intraoral scanner), e.g. to design with inLab SW 15.0 CAD and production with inLab MC XS or inLab MC XL
- STL export of inLab restoration data e.g. to process on other production units
- STL export of Sirona Connect intraoral scan data e.g. to design in a different CAD software
- STL export of designed model data e.g. to an external model production facility

**inLab IS OPEN.**

SIRONA

inLab IS OPEN. 

SIRONA EXTERNAL SUPPLIERS

inEos X5

inLab SW 15.0

inLab MC XS

inLab MC XL

APOLLO DI

CEREC AC Connect

SIRONA CONNECT

infiniDent

STL

STL

STL

STL

EXTRAL SCANNER / INTRAORAL SCANNER

SOFTWARE

MACHINE

* Required interfaces included in inLab SW 15.0 Implantology Module.
** inLab MC XS is limited to surgical guides with max. one drilling hole.
*** inLab SW 15.0 Interfaces Module is required.

* Prerequisite: inLab SW 15.0 Basic Module.
REMOVABLE DENTAL PROSTHESIS – IN ONLY A FEW STEPS.

With inLab software 15.0 you can design a model cast prosthesis for a permanent denture in just a few steps.

NEW: MODEL CAST

The size of the model cast prosthesis can be marked on the working model and scanned with inEos X5.

Line textures are shown on the 3D model in the software.

Model blocking is shown as colored undercuts.

Using the new user interface you have access to all the necessary design elements for the individual design of the model cast prosthesis.

The model cast prosthesis is individually adapted using design tools.

STL export of the design data set*, wax-up for subsequent cast or direct realization with laser sintering.

*Requires inLab SW 15.0 Interfaces Module.

OTHER APPLICATIONS

Customized attachments

Standard bars for realization in zirconium oxide and metal

Customized primary telescope and cone crowns
inLab MC X5 – GREATER FREEDOM.

Sirona offers you independence in terms of material, indications as well as processing external CAD data. The new inLab MC X5 is designed specifically to meet dental lab requirements for cost-efficient production today and in the future.

**NEW: inLab CAM 15.0**
- Milling sintered metal
- Milling abutments and abutment bridges from zirconium oxide*
- Milling pre-shaded translucent zirconium oxide blocks (inCoris TZI from Sirona)
- inLab extra-fine grinding with the diamond 0.6 tool
- Milling surgical guides*
- Grinding abutment mesostructures from e.max CAD materials
- Impact of restoration data with XML additional information

**DESIGN**
The new inLab MC X5 offers more than just optimal functionality and simple operation: its extremely stable construction and modern design are also highly attractive. Its compact, elegant shape is a real eyecatcher and complements perfectly the award-winning inEos X5 extraoral scanner.

**OPEN**
inLab MC X5 is an open production unit. It is the perfect complement to the inLab components inEos X5 and inLab software. Now for the first time it can also be used to process other STL restoration data**. The completely redeveloped CAM module demonstrates flexibility as it can be connected to a wide range of other CAD systems at no additional cost.

**BROAD RANGE OF MATERIALS**
inLab MC X5 is a universal production unit for processing zirconium oxide, polymers, composites, wax and sinter metal*** as well as glass and hybrid ceramics.

**DISKS AND BLOCKS**
inLab MC X5 processes standard disks [Ø 98.5 mm, up to 25 mm thick] and blocks in a single machine. The system offers you the capability to handle a broad spectrum of indications with complete freedom of choice of material. Changing from disks to blocks takes just a few seconds.

The innovative multi-block holder can accommodate up to six blocks of various materials, thereby enabling maximum productivity even with multiple single restorations.

**WET AND DRY**
inLab MC X5 can be used for dry or wet production depending on the material and indication. Sirona has drawn upon its 30 years of experience in the wet processing of glass ceramics to create the ultimate machine for the wet grinding of fully anatomical restorations from high-strength monolithic materials. Changing between wet and dry production e.g. from glass ceramics to zirconium oxide is fast and uncomplicated.

**MILLING AND GRINDING**
Depending on whether it is for wet or dry processing, a diamond grinder or carbide cutter is used. Their cutting geometries and coatings are optimally developed for various indications and materials – for outstanding surface results and margins.

**SPINDLE TOUCH TECHNOLOGIE**
The unique inLab MC X5 technology is able to capture the position of disks and blocks with utmost precision. These exceptionally high levels of accuracy enable you to make the most economical use of materials e.g. efficiently machine mesostructure blocks.

* From inLab CAD only.
** Limited indication spectrum.
*** Coming soon.
inLab MC XL – SPEED AND PRECISION.

inLab MC XL is the fast wet milling and grinding unit with many production options for your dental lab. You benefit from high speed and precision and can switch from grinding to milling in just a few steps. The large selection of materials and many uses give you particularly flexible and efficient production options.

NEW: EXTRA FINE GRINDING
inLab MC XL is now even more precise with the new extra fine grinding burs. Make restorations with the highest accuracy and fine details in the areas of occlusions and interdental spaces as well as on the preparation margin.*

NEW: OPEN FOR STL RESTORATION DATA
inLab MC XL produces restorations perfectly tuned with the new inLab SW 15.0. Alternatively, you can import restorations in STL/XML format from other CAD software e.g. exocad®, 3Shape® etc.*

NEW: EXTRA FINE GRINDING
Glass and hybrid ceramic restorations can be produced at a previously unachievable speed with simultaneous double 4 axis processing. A fully anatomical e.max CAD crown takes less than 10 minutes. This is a key success factor for potential new business models providing digital impression orders within an hour.

REMARK: Benefit from the broad range of materials. Sirona CAD/CAMmaterials and those of our material partners are optimally coordinated for high-speed processing.

NEW: OPEN FOR STL RESTORATION DATA
For processing restorations from an STL/XML import, a limited indication spectrum applies.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>GENERAL</th>
<th>InLab MC XS</th>
<th>InLab MC XL</th>
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<tbody>
<tr>
<td>Width</td>
<td>590 mm</td>
<td>700 mm</td>
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<td>Height</td>
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<td>Required compressed air pressure</td>
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<td>Required compressed air quantity</td>
<td>min. 50 l/min* –</td>
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<tr>
<td>Noise level</td>
<td>&lt;63dba –</td>
<td>&lt;65dba –</td>
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<table>
<thead>
<tr>
<th>KINEMATICS</th>
<th>InLab MC XS</th>
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<td>Axes</td>
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<td>Angle of incidence for A axis</td>
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<tr>
<td>Angle of incidence for B axis</td>
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<table>
<thead>
<tr>
<th>MATERIAL TYPES</th>
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<tr>
<td>Zirconium oxide</td>
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<tr>
<td>PMMA</td>
<td>x</td>
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<td>Wax</td>
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<td>Composite</td>
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<td>Lithium disilicate ceramics</td>
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<td>CoCr sintered</td>
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<tr>
<td>Titan pref.</td>
<td>WP***</td>
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<table>
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<th>MATERIAL FORMS</th>
<th>InLab MC XS</th>
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<td>Blocks</td>
<td>40 x 13 x 12 mm</td>
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<td>6</td>
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<td>Disks (form)</td>
<td>95/98 5mm with collar</td>
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<td>Disks (height)</td>
<td>up to 25 mm ****</td>
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<tr>
<td>Material openness</td>
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<table>
<thead>
<tr>
<th>TOOL MANAGEMENT</th>
<th>InLab MC XS</th>
<th>InLab MC XL</th>
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<tbody>
<tr>
<td>Automatic tool changing</td>
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<td>6</td>
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<td>Changeable tool magazine controlled in SW</td>
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INDICATIONS

<table>
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<tr>
<th>Veneers</th>
<th>InLab MC XS</th>
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<td>Inlays</td>
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<td>Onlays</td>
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<td>Crowns</td>
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<td>Bridge frameworks</td>
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<td>Bridges</td>
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<tr>
<td>Full jaw bridges</td>
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<td>Telescopes</td>
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</tr>
<tr>
<td>Attachments</td>
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<tr>
<td>Abutments milled from meso blocks</td>
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<tr>
<td>Abutments milled from disks</td>
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<tr>
<td>Implant bridges</td>
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<td>Bars</td>
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<tr>
<td>Splints</td>
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<td>x</td>
</tr>
<tr>
<td>Surgical guide (single)</td>
<td>x</td>
<td>x</td>
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<tr>
<td>Surgical guide (multiple)</td>
<td>x</td>
<td>–</td>
</tr>
<tr>
<td>Models</td>
<td>–</td>
<td>x</td>
</tr>
</tbody>
</table>

* Limited indication spectrum.
** 80 l/min. is recommended.
*** 10” will be available soon.
**** 30mm will be available soon.
***** 20mm will be available soon.
inLab CAM 15.0 – DIGITAL NEXT LEVEL.

Two machines – one optimal workflow. inLab CAM 15.0 software is specially developed for Sirona inLab MC X5 and inLab MC XL milling units and their tools. All components are inter-coordinated and ensure reliable production of your restorations. All essential process steps, system configurations and integrated service functions can be carried out quickly and easily via the user-friendly interface.

Efficient management of orders and materials. You have with inLab CAM 15.0 all information readily available on all machines to create, load and manage orders and materials – in the form of disks or blocks.

Multi-job workflow. Operate several machines simultaneously from one software. Maximize your output with optimal use of resources.

Start processing immediately. Save time due to innovative milling and grinding calculations. Start the fabrication process immediately after entering the order.

Multi-positioning functions. Place your work precisely in disks and blocks. Use the automatic functions auto-positioning, height optimization in the disk or sinter support calculation. You can also define the object position individually.

inLab MC X5 multi-block management. Position up to six blocks of different materials in one order. inLab CAM supports you with the automatic block size proposal and thus optimizes the use of materials and processing times. NEW: Zirconium oxide blocks can also be milled!

Individual milling and grinding strategies. You have full control of the result and can choose from different material-specific processing strategies. For example select occlusal and interdental details, surface quality or reducing the support pins.

Nesting and stacking. Optimal efficiency is achieved with inLab CAM for each material type. For example mill several restorations from one glass or hybrid ceramic block on inLab MC XL with special stacking functions. Alternatively use the nesting function for milling zirconium oxide, polymers, metals or composites on the MC X5 or MC XL.

Machine and tool management. Using the intuitive graphic user interface you have complete control over the state of maintenance of your production units e.g. tool running time. The operating functions are touch-optimized and allow control and tool management of the machines from a tablet.

OPEN for STL and XML. inLab MC XL and inLab MC X5 are open for processing restoration data from all common dental CAD software*. The optional XML import gives additional information such as preparation margins, insertion axes or order information e.g. from exocad® or 3Shape®.

* Limited indication spectrum.
infiniDent — TECHNICAL DIVERSITY MEETS A WIDE SELECTION OF MATERIALS.

infiniDent is the open digital service partner for practice and dental labs in Europe for producing restorations and dental models. Thanks to a 24-hour production process, laboratories with open or Sirona systems have fast, easy and cost-efficient access to industrially produced dental restorations “Made in Germany.” Whether you use inLab SW, inEos X5 with third-party software or a complete CAD/CAM system infiniDent is a perfect complement to your inLab components and helps you work even more productively. Using state-of-the-art CAD/CAM technology and validated processes, infiniDent provides solutions from a single source — crown and bridge frameworks in a wide variety of materials, implant abutments and physical models from digital impressions. Of course everything is supplied with a comprehensive warranty. As part of the Sirona Dental Group, infiniDent also has competence from more than 30 years of dental CAD/CAM experience.

infiniDent. OPEN FOR EVEN MORE VARIETY.

Export digital design data directly from the inLab SW 15.0 CAD removables module or as an STL data set from a third-party system. Design custom, solid abutments and screw retained bridges of titanium and cobalt-chrome directly in the new implantology module of your inLab SW 15.0.

Using orthodontic analysis and planning software (for example ONYXCEPH³™), orthodontic treatment can be analyzed, planned and prepared based on an intraoral scan.

OPEN MILLING CENTER

As an open digital service provider, infiniDent has always processed different open data formats. This means you can send us digital data designed using other CAD software in addition to your Sirona formats.

infiniDent is a validated “Authorized Milling Partner” of Ivoclar Vivadent AG, “Authorized Milling Center” of VITA Zahnfabrik and DIN ISO 13485:2012 certified.

For more information visit www.infinidentservices.com or contact our dental customer service at +49 61 51 -39 61818 or service@infinidentservices.com

Note: infiniDent is not available in all countries.
inFire HTC speed – THE FASTEST SINTER FURNACE.

The high-temperature furnace is suitable for all sintering materials that can be processed by the inLab production machines. It features additional speed sintering programs and also enables non-precious metals to be sintered – all in a single furnace chamber.

**SINTERING CERAMICS AND SINTERED METAL 2 IN 1:**
- For sintering ceramics and pre-sintered non-precious metal in one furnace
- Pre-programmed for sintering materials from Sirona and its material partners
- A special sinter cover is included in the package

**TIME AND COST BENEFITS**
- Only 60 minutes for speed sintering of zirconium oxide frameworks and bridges
- Only 10 minutes for Superspeed sintering of zirconium oxide copings and crowns
- Time function for “overnight sintering”
- Simultaneous sintering of up to 60 units

**MAXIMUM FREEDOM**
- Speed and Superspeed programs or conventional slow sintering
- Regular sintering programs for ceramics from the most important manufacturers of dental materials
- Free programming for slow and speed sintering
- Sintering with pre-drying

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**IN THE FURNACE VERSION OF INFIRE HTC SPEED WITH SUPERSpeed AND MetAL**, the sintering furnace can be prepared within just a few seconds for sintering pre-sintered non-precious metal under a protective gas atmosphere. The inCoris CC sintering metal from Sirona is first processed on the inLab milling unit in enlarged form as in the zirconium oxide method and then compacted by sintering under an argon atmosphere.

**inFire HTC speed with Superspeed and metal option (EU)**

<table>
<thead>
<tr>
<th>inFire HTC speed</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessories</td>
<td></td>
</tr>
<tr>
<td>Options</td>
<td></td>
</tr>
<tr>
<td>Program types</td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>500 x 802 x 565 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>80 kg</td>
</tr>
<tr>
<td>Supply voltage</td>
<td>200–240 V</td>
</tr>
<tr>
<td>Mains frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Nominal power</td>
<td>2500 W</td>
</tr>
<tr>
<td>Maximum sintering temperature</td>
<td>1.650°C</td>
</tr>
</tbody>
</table>

*Net sintering time for inCoris TZI and inCoris ZI.
See the CAD/CAM material brochure for more details on the complete range of materials or visit www.sirona.com or alternatively contact your Sirona dealer.
WE TAKE QUALITY SERIOUSLY.

THE BEST QUALITY LABEL GUARANTEES:
- High-performance materials to meet the most stringent demands in terms of machinability and precision
- Unrestricted compatibility with Sirona milling units
- Direct material selection in inLab software

Every Sirona CAD/CAM material contains Best Quality Label stickers that can be used to label the high quality of the premium products used by the dental technician. A seal of quality for patient and dentist.

SUPERSPEED AUTHORIZED
- Materials with this label are approved for the Speed and Superspeed functions of inFire HTC speed
- inCoris ZI, inCoris TZI, and inCoris TZI C are approved for speed sintering
- inCoris ZI and inCoris TZI are approved for Superspeed sintering
- CE- and FDA-approved

For more information on the entire range of Sirona materials see the CAD/CAM material brochure, contact your Sirona dealer or visit www.sirona.com
All CAD/CAM materials can be ordered conveniently from your specialist dealer.

Sirona TiBase
Sirona titanium base for custom abutments.
Available for various implant systems together with a scanbody and abutment screw.

NEW: Sirona disks for zirconium oxide, PMMA and sintered metal for production with inLab MC X5.

CEREC Bloks C and CEREC Bloks C PC
Feldspar ceramic in classical colors for inlays, onlays, veneers, and full crowns. Polychromatic version (PC) for natural enamel-dentin-cervical layering.

CEREC Bloks C In
Blocks for anterior tooth restorations with an inner high-chromatic dentin core covered by a translucent layer of enamel.

inCoris
Classical zirconium oxide (ZI), translucent (TZI), and pre-shaded translucent zirconium oxide (TZI C) for frameworks and veneered restorations.

inCoris CC
Sintered metal on the basis of a CoCr alloy for NPM restorations.

inLab MC X5 and inLab MC XL lab units cover now and in the future a wide range of indications. You are further supported with a broad selection of materials on the market. Whether blocks or disks – you have a completely free choice of materials. Sirona and their renowned Sirona material partners continually develop new materials which are totally compatible with inLab milling and grinding strategies – ensuring reliable, high-quality results.

CAD/CAM MATERIALS – QUALITY GUARANTEED.
SIRONA CONNECT – DIGITAL IMPRESSIONS.

Sirona Connect is the ideal solution to scan digital impressions in the dental practice and then immediate direct transmission of this digital model data to the dental laboratory. Each dental practice has its own requirements and the choice between the best intraoral scanners on the market.

APOLLO DI

APOLLO DI is a specially developed intraoral scanner that sends data to the dental lab only via the Sirona Connect portal. The low catalog price and waiver of additional scan fees makes APOLLO DI a truly cost-effective option.

- Easy handling with a multitouch screen
- Small and with one of the lightest cameras with a weight of approx. 100 g
- No additional costs

CEREC AC Connect WITH CEREC Omnicam

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

- Easy handling
- Powder-free impressions
- Flowing imaging technique also for implant impressions
- Precise impression data in natural colors
- No additional costs

THE DIGITAL WORKFLOW WITH SIRONA CONNECT

THE DIGITAL WORKFLOW WITH SIRONA CONNECT

SIRONA CONNECT PORTAL

SCAN

SEND

RECEIVE

FEEDBACK

NEW:

DESIGN WITH

inLab SW

INLAB SW

STL

EXPT TO

OTHER CAD

SOFTWARE

FINISH

DELIVER

STL

FABRICATION VIA EXTERNAL

CENTRAL PRODUCTION

e.g. infiniDent

FABRICATION ON inLab

PRODUCTION UNITS

FINISH

STL

FABRICATION VIA OTHER CAD/CAM

PRODUCTION UNITS

PRACTICE

LAB

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Performance characteristics</th>
<th>APOLLO DI</th>
<th>CEREC AC Connect with Omnicam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advantages</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screen with multitouch control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Small and with one of the lightest cameras</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No additional costs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Color display facilitates differentiation between tooth and gingiva</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Implant impressions using an intraoral scanbody</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Natural color 3D display</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interfaces</th>
<th>STL export in the lab *</th>
<th>STL export in the lab **</th>
</tr>
</thead>
</table>

| Imaging process             |                               |
|----------------------------|                               |
| Filming                    | A fluid imaging technique captures data continuously (no blurred images). |

| Distance to tooth           |                               |
|----------------------------|                               |
| Camera is moved over the tooth surface at a distance of 2–20 mm. |

| Camera dimensions           |                               |
|----------------------------|                               |
| Overall length: 220 mm      | Overall length: 228 mm         |
| Length of the camera sleeve: 64 mm | Length of the camera sleeve: 108 mm |
| Height and width of the tip: 18.5 mm x 23 mm | Height and width of the tip: 16 mm x 16 mm |

<table>
<thead>
<tr>
<th>Camera weight</th>
<th>100 g</th>
<th>313 g</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powder-free</td>
<td>Requires APOLLO DI SpeedSpray</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Device dimensions</th>
<th>117 cm x 64 cm x 45 cm</th>
<th>121 cm x 36 cm x 47 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device weight</td>
<td>Approx. 30 kg</td>
<td>Approx. 43 kg</td>
</tr>
<tr>
<td>Monitor</td>
<td>21,5&quot;, 1.920 x 1.080 pixel monitor resolution</td>
<td>19&quot;, 1.280 x 1.024 pixel monitor resolution</td>
</tr>
</tbody>
</table>

| Power supply                | Standard power supply [100–240 V, 50/60 Hz] | Standard mains power supply [100–230 V, 50/60 Hz] |

| Network connection          | WLAN                             | LAN and WLAN                    |

<table>
<thead>
<tr>
<th>Scanning software</th>
<th>Sirona Connect SW</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition of preparation, antigen and bite situation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computation of the 3D model</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Draw preparation margin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Link to SironaConnect portal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data format</th>
<th>.dxd via Sirona Connect portal</th>
</tr>
</thead>
</table>

| Sirona Connect portal       | Requirements: Internet connection, email address, one-time registration at www.sirona-connect.net |

| Lab software                | Via the Sirona Connect portal, the digital model data in the inLab software are opened for further processing with inlab software or STL export |

| STL                        | via SironaConnect portal        |

* The Interfaces Module is included in the scope of supply for APOLLO DI. User prerequisite: inLab SW 15.0 Basic Module

** User prerequisite: inLab SW 15.0 Basic Module and inLab SW 15.0 Interfaces Module

Subject to technical modifications.

NEW:

Design-Service for CEREC users
inLab SYSTEM — DENTAL LAB FREEDOM OF CHOICE.
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.

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