SIMULATION UNITS. PRACTICAL TEACHING.
YOUR INDIVIDUAL GOAL BECOMES REALITY.

Design your individual simulation workstations with us! In the implementation of your project, you benefit from our international experience in a variety of university projects. Because for us, „Made in Germany“ stands for quality and customer satisfaction. Enjoy every day. With Sirona.

By using proven components of Sirona treatment centers, we make ergonomic and practical work possible for you. The Sirona hygiene concept makes it possible to practice routines that are later applied in the practice.

Sirona offers you an overall concept tailored to your budget framework. Individual choice of configurations and high quality materials ensure an optimal price-performance ratio.

THE DIRECT ROUTE TO YOUR SIMULATION WORKSTATION.

When it comes to designing your simulation units, we leave nothing to chance. We accompany you step by step during the planning and design process from the initial idea to implementation.

1. ROOM
Analysis of spatial conditions.

2. TEACHING CONCEPT
Alignment with the required course content.

3. BUDGET
Overall concept tailored to the budget framework.

4. PROJECT PARTNERS
Global cooperation with project-related partners.

5. WORKSTATION OPTIONS
Adapted solutions for additional functions.

6. INTERIOR DESIGN
Flexible material selection and adjustment to your design requirements.

7. ERGONOMICS
The correct working posture from the start.

8. EQUIPMENT
Maximum flexibility in configuring the simulation units.
OUR KNOW-HOW FOR YOUR PROJECT.

Many things have to be taken into account when designing a learning environment for dental education: the teaching concept, sustainability for the future, extensible products, and cost-effectiveness. You also need a competent partner. We support you from the start with experienced consultants and professional targeted planning. After completing your simulation unit, we accompany you with comprehensive service.

STEP 1: ROOM SITUATION AND LAYOUT
- We take into account structural conditions and installation requirements.
- We incorporate escape routes and channels of communication in the planning.
- We pay attention to efficient use of space and organize the workstations flexibly in single, double, series or group configurations.

STEP 2: TEACHING CONCEPT
- We take into account specific requirements for individual, group or classroom teaching.
- We allow you to integrate new or existing teaching materials.
- We integrate multimedia components by request.

STEP 3: BUDGET AND COST-EFFECTIVENESS
- We offer you an overall concept tailored to your budget.
- We use standard components, making spare parts available long term.
- We provide warranty inspections and service contracts by request.

STEP 4: PROJECT PARTNERS
- We work together with international providers of individual workstation components.
- We take over coordination of project partners; your solution comes from a single source.

OUR PRODUCTS FOR YOUR FUTURE.

With our technology, you have the future in your control. Sirona is the recognized manufacturer of dental equipment worldwide and thus guarantor of a practical working and teaching environment. In addition, we offer you top quality and the latest cross-system technologies, guaranteeing you maximum investment security even after years.

STEP 5: WORKSTATION OPTIONS
- We offer adaptive solutions for additional functions, e.g., microscopes, multimedia and x-ray systems, etc.
- We integrate CAD/CAM components such as CEREC and prepCheck for preparation evaluation.

STEP 6: INTERIOR DESIGN
- We coordinate the materials and colors to the space architecture.
- We use proven Sirona components with excellent design.

STEP 7: ERGONOMICS
- You choose a dentist element based on your treatment concept.
- The workstations are equipped for right- and/or left-handers.
- Height/inclination of the phantom head/torso can be manually and/or mechanically adjusted.
- The height of the dentist element can be manually adjusted on demand.

STEP 8: WORKSTATION EQUIPMENT
- The dentist element can be flexibly configured with up to five instrument trays.
- The assistant element can be equipped with up to four instrument trays.
- You can choose between two treatment lights and one laboratory light.
- Various phantom heads and different torsos are available.
- You can choose between various suction systems.
- We offer customized solutions for the design of furniture components and work surfaces.
- Integration of the Sirona hygiene concept.
IMPLEMENTATIONS THAT SET THE PRECEDENT.

Our range of services is as individual as your requirements! Two examples to give you an idea of our solutions. We assemble the equipment for you according to your requirements. Because for us, individuality means one thing above all else – maximum flexibility!

FROM THE ENTRY MODEL TO THE SOPHISTICATED UNIT

Whether as a starter unit or expansion stage – you benefit from maximum flexibility with Sirona.

INDIVIDUAL EQUIPMENT.

Do you have your own individual requirements? Simulation units from Sirona can be assembled from many different options according to your requirements.

1. SELECT PRACTITIONER CONCEPT:
   - Dental element with double-jointed arm
   - Pneumatic foot switch
   - Standard 3-way syringe
   - 2 turbine hoses
   - LEDlight operating light
   - Manual height adjustment
   - Manual tilt adjustment
   - Torso with phantom head
   - EasyPad user interface
   - Standard wet suction

2. SELECT PACKAGES:
   - Torso and phantom head versions
   - Operating table
   - Hygiene concept
   - Suction systems
   - LEDview
   - Additional holder for 6th instrument

3. SELECT UNIT OPTIONS:
   - Furniture components
   - Spray suction systems
   - Dust suction systems
   - Dental technology components
   - Microscopes
   - Multimedia components
   - Working stools
   - Laboratory lights
   - Customer’s choice of phantom heads
   - Ready for the integration of a fresh water bottle system

4. SELECT WORKSTATION OPTIONS:
   - 5 instrument positions available
   - EasyTouch user interface
   - SIROSONIC
   - SIROCAM F+F
   - 22” monitor
   - Additional holder for 6th instrument
   - Assistant element with 4 instrument trays available
   - Comfort assistant element with dual joint arm (HVE, LIVE, SPRAYVITE, miniLED)
   - Integrated disinfection system
   - Integrated hose rinsing
EFFECTIVE LEARNING WITH PERFECT EQUIPMENT.

The use of key components of our treatment centers allows a realistic simulation working environment. Students become familiar with details of subsequent treatment processes – e.g., operation of the dentist and assistant element – in the preclinical semesters.

THE TWO TREATMENT CONCEPTS

TS SIMULATION UNIT – WITH HANGING HOSES
Ergonomic design with flexibly positionable dentist element and movable tray holder. Ample instrument area on the dentist element and tray holder.

CS SIMULATION UNIT – WITH SWIVEL ARM
Ideal for the widest range of treatment situations, whether you are working alone or in a team. Large instrument range of action (up to 90 cm).

INTERACTIVE AND NETWORKED LEARNING

Communication between teachers and students via a network, e.g., with prepCheck.

Optional presentation of learning content “live” in real time or time-delayed depending on the setting.

Integration options for projectors, large-format screens, microscopes, laptops, etc.

SAFE HYGIENE

The unit is equipped with a holistic hygiene concept. You quickly, easily, and safely achieve the highest hygiene standards for the protection of the teaching staff and students.

Integrated disinfection system – permanent disinfection of all water lines with DENTOSEPT P. Automatic sanitizing function for regular intensive disinfection. Can also be used with self-contained water supply.

Integrated cleaning adapter – for automatic purging of instrument hoses (Purge and AutoPurge function) and sanitization of the water lines.

Chemical suction hose cleaning – cleaning agent container for chemical purging of the suction lines. The concentration of cleaning agents can be adjusted individually.

ERGONOMIC, HEALTHY LEARNING

Switch between right- and left-hander treatment in seconds without tools.

Dentist and assistant elements can be positioned optimally for all treatment situations.

Continuously adjustable height and inclination of the patient simulator guarantees optimal user posture.

Economical working stools support the practitioner in each working position.

Intuitive foot switch ensures an ergonomic workflow.
Future dental practitioners need reliable training in the production of preparations. Yet, given the increasing number of students and fewer members of staff, less and less time is available to discuss students’ work. PrepCheck is an easy-to-learn system based on objective measurement procedures which documents and analyzes students’ results and also allows them to be called up at a later point in time.

The prepCheck analysis software is based on the proven CEREC system and can be equipped with two different versions of the application.

**prepCheck EASY**

The entry level version for preclinical training on machined teeth.

1. The student creates the preparation on a phantom head of a simulation unit.
2. The student scans the results intraorally with the CEREC Omnicam or Bluecam. An inEos XS scanner can be used to measure teeth extraorally.
3. The analysis software provides various interactive and automatic tools in order to assess the result compared to the master preparation.

**prepCheck PRO**

The parameter-driven version for use in preclinical or clinical training on patients.

1. The student creates the preparation either on a phantom head of a simulation unit or on a patient directly.
2. The student scans the results with the CEREC Omnicam*. The preparation is measured intraorally or extraorally.
3. The analysis software provides various interactive and automatic tools in order to assess the result compared to the predefined values (parameters) or the master preparation.

* Also possible with the CEREC Bluecam or inEos XS scanners.

Learn more about prepCheck in the separate brochure or 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 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.