

Sim Intego – Your individual workstation Configuration examples

www.dentsplysirona/clinics



Dentsply Sirona – Quality made in Germany

We don't want to just satisfy our customers, we want to impress them. This is why quality, performance, and service are key for us. Dentsply Sirona simulation units combine high quality with real innovations that perceptibly enhance the teaching environment.

Reliability and durability



Robust materials and precise, elaborate quality tests make our simulation units extremely reliable with an above-average service life.

High quality



The materials used – robust, shapeable plastics on the outside, solid steel and aluminum components on the inside meet the demands of a premium product.

High standards



Dentsply Sirona is a technology leader with more than 130 years of innovation history. Our engineers and scientists in Research & Development not only pay close attention to innovation, but also quality.

Future-proof design

At the Dentsply Sirona innovation center, future trends are anticipated and products are prepared to be equipped for the technology demands of the future.



Flexibility to suit your individual needs and requirements

Based on the very successful Dentsply Sirona treatment center Intego, we developed the Sim Intego. It enables students in pre-clinical education to learn from the very start in a more realistic environment. All dental procedures can be simulated under ergonomic conditions.

Future-proof

Sim Intego incorporate Dentsply Sirona's long-term expertise and technology Made in Germany making the simulation units extremely robust and reliable.

Cost-effective

Dentsply 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.

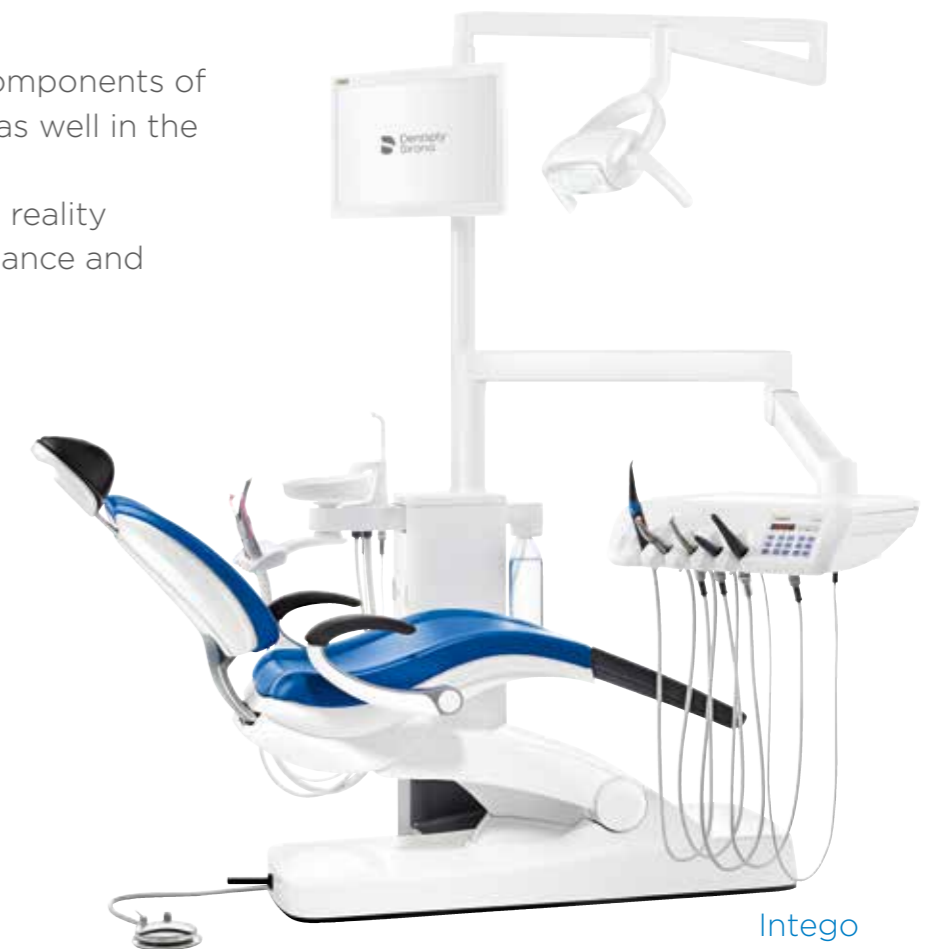
Proven components

Using the identical proven components of the treatment center Intego as well in the Sim Intego is beneficial for:

- Students: simulation close to reality
- Tech Service: similar maintenance and service procedures
- Spare parts management: using the same stock

How to use this brochure

This brochure should just give you an idea of configuration possibilities on different price levels. You can mix and match most of the options to create your ideal simulation unit. Consult the list at the end of the brochure to get an overview of all your options.



Intego

Example: A

This configuration gives an example of a simple, but fully functional setup. There are many more possibilities to configure a Sim Intego in this price segment – please have a look at the list of options.



This configuration example A includes:

Standard unit

see description on page 7



Individual Configuration

- Delivery arm for dentist element: not height-adjustable
- Suction device: HVE
- Operating light: LEDlight (LED technology)
- Dentist element: 3-way syringe, 2 turbine hoses (with light)
- Height adjustment for phantom: Rod and rail
- Phantom head: Frasaco PK-1, Face mask P-6 GM
- Dentition: Frasaco AG-3 DA

Configuration A with self-sufficient water system

Using fresh water bottle for the instruments and an extra container for waste water.

Benefits

No need to connect to city water, no need of a suction system.



Example: B

This configuration gives an example of a medium-priced setup: the manual height adjustment is more comfortable including a foot pedal for adjustment of the height of the torso. For customers who want to add a monitor and phantom locally, we provide the necessary interfaces. There are many more possibilities to configure a Sim Intego in this price segment – please have a look at the list of options.



This configuration example B includes:

Standard unit

see description on page 7



Individual Configuration

- Delivery arm for dentist element: not height-adjustable
- Suction device: HVE and Saliva Ejector
- Operating light: LEDview Plus (LED technology)
- Dentist element: 3-way syringe, 2 turbine hoses (with light)
- Height adjustment for phantom: Sirona height adjustment for phantom
- Simulation: Interface for Nissim simulator (ready for local assembly)
- VESA interface (ready to fit 3rd party monitor locally)

Example: C

This configuration gives an example of a setup offering even more comfort: the support arm of the dentist element is height adjustable and the fully fledged assistant element on a separate support arm is ideal to practice 4-handed treatment. There are many more possibilities to configure a Sim Intego in this price segment – please have a look at the list of options.

Ambidextrous

Switching from right to left in seconds without any tools



This configuration example C includes:

Standard unit

see description on page 7



Individual Configuration

- Delivery arm for dentist element: height-adjustable
- Dentist element : Sprayvit, 2 turbine hoses (with light)
- Separate support arm for assistant element
- Assistant element: HVE, Saliva Ejector
- Operating light: LEDview Plus (LED technology)
- Dentsply Sirona height adjustment for phantom
- Phantom head: Phantom Head PK-2
- Dentition: Frasaco AG-3 DA, Face mask P-6 GM

Including instruments as depicted:

Dentist element: Sprayvit, 2 x BL ISO motor, turbine hose (with light), ultrasonic scaler Sirosonic L

Assistant element: Sprayvit, Satelec Curing Light, HVE, Saliva Ejector

Example: D

Dentist element

Configuration D with fresh water bottle system and Dentsply Sirona monitor.

All examples (A, B, C) can be equipped with a fresh water bottle system as well as with a monitor.



Your individual configuration

Room Layout: Sim Intego can be set up in a single, line or group formation. It can be installed under a bench.

Standard Unit includes

Standard Unit

A: Junction Box

With manual phantom head adjustment and color RAL 9016 Traffic White

Equipped with:

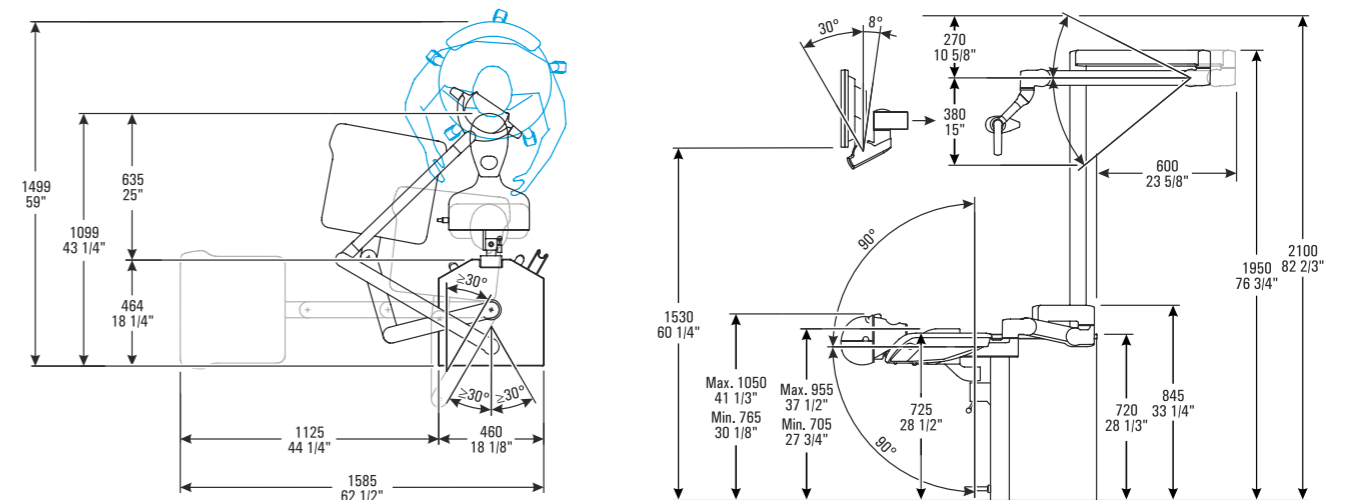
- Power supply
- Air/water filter system
- Air/water pressure regulation valves
- One main switch to control water / air and power
- Manual height adjustment
- Hanger for suction device
- Pneumatic foot control

B. Dentist element

- With hanging hoses (TS)*
- Water and air can be adjusted by control knobs
- Standard dentist element are prepared for one syringe and two air instruments

* Continental Style (CS) is not possible with the Sim Intego

Room Layout: Sim Intego can be set up in a single, line or group formation. It can be installed under a bench.



Flexible adjustment of the phantom head

The phantom head can be easily positioned for an ergonomic working posture.

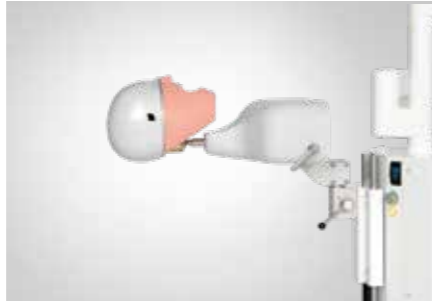
Vertical inclination of the phantom head

for ergonomic practice in all treatment positions

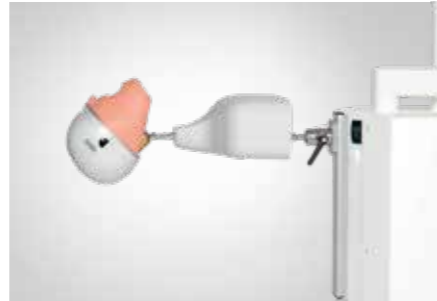
10° for easier access to lower jaw



neutral position



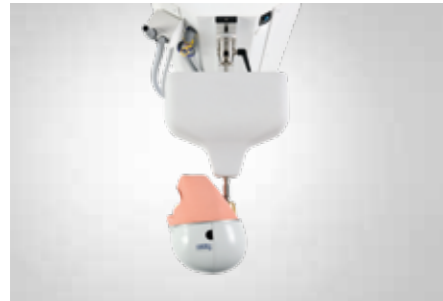
45° for easier access to upper jaw



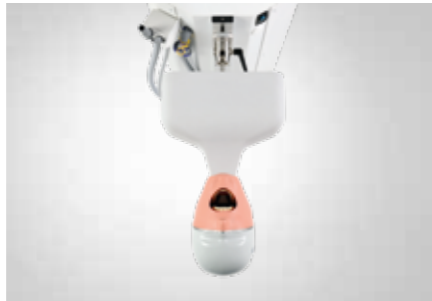
Horizontal inclination of the phantom head

for ergonomic practice in all treatment positions

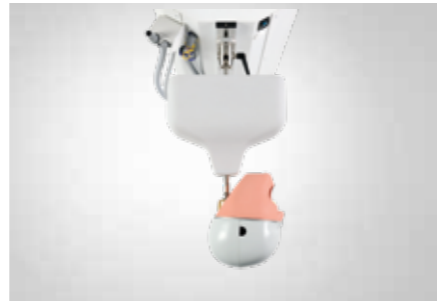
75° to the left



neutral position



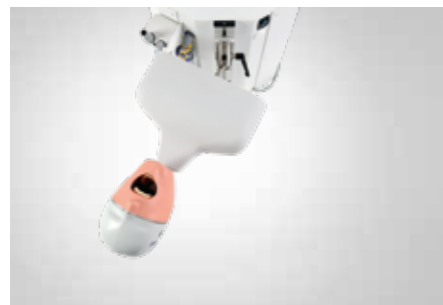
75° to the right



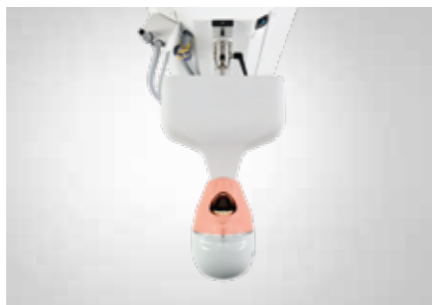
Horizontal inclination of the phantom

for ergonomic practice in all treatment positions

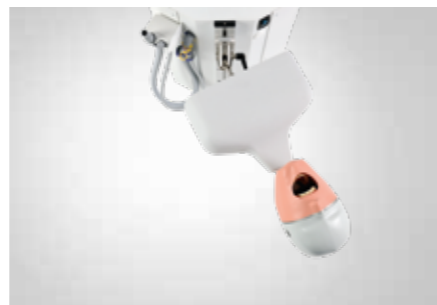
23° to the left



neutral position



23° to the right



Height adjustment

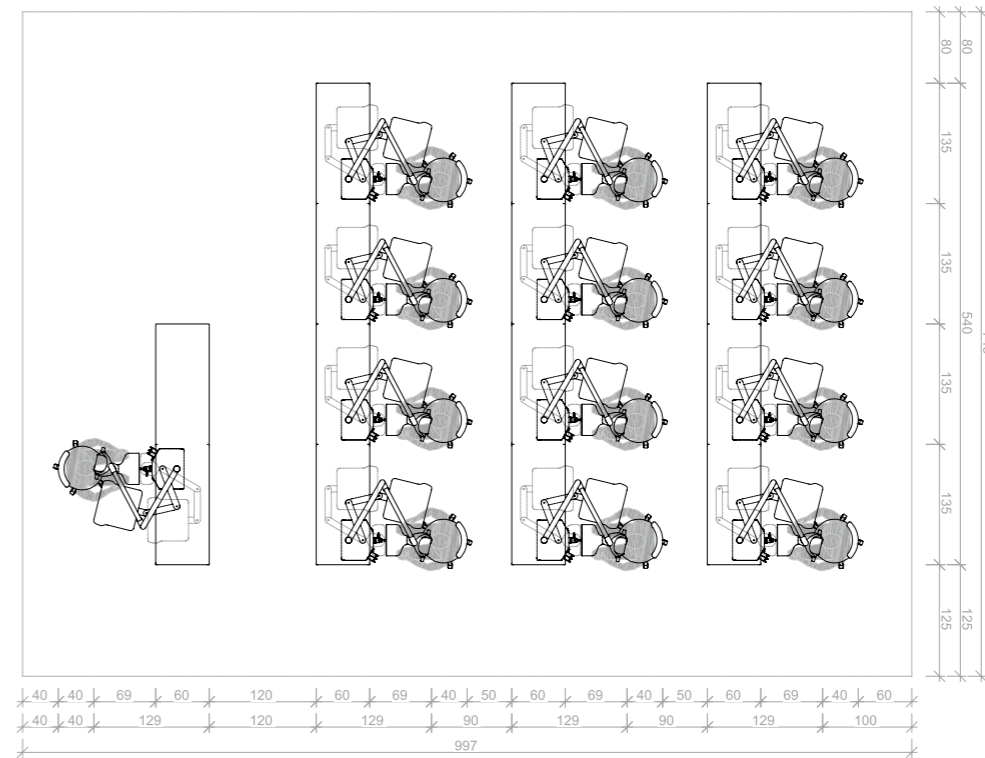
Height of incisal point to floor: 800 mm (with horizontal torso)
Maximum working height: incisal point to floor approx. 960 mm



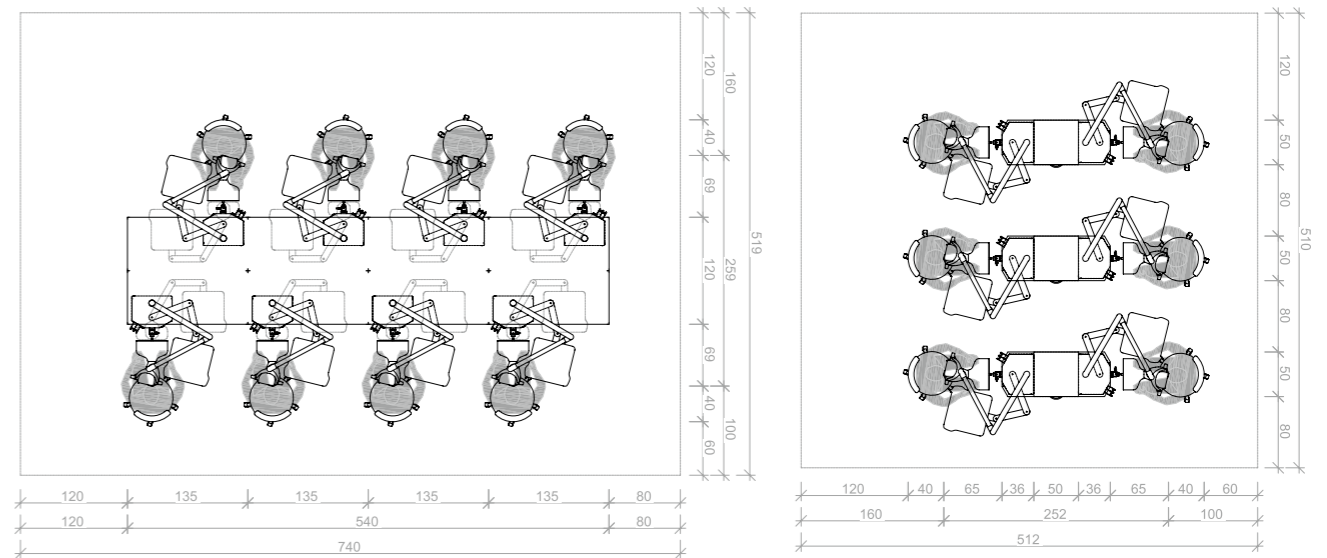
range of adjustment: 370 mm

Examples of different layouts

Sim Intego can be set up as a bench or standalone solution considering the available space and desired teaching concept.



Bench solution, classroom-setup



Bench solution, setup for more collaborative learning

Standalone solution

Your individual options

Height adjustments (all manual)



Interface for local solutions of height adjustment and phantom



Rod and Rail



Sirona Height Adjustment (comfortable adjustment with additional foot pedal)

Phantoms



No phantom, ready for local solutions



Frascao phantom (head with or without torso)



Interface for Nissim phantom, ready for local solution

Frasasco phantom heads



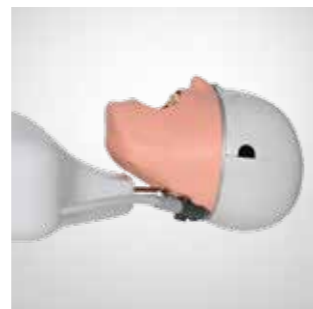
PK-1

- without articulating jaw assembly
- fits only with Frasco jaw models



PK-2

- allows simulating anatomically correct jaw movements
- fits with jaw models of various manufactures



Face mask with integrated water drainage system

Dentist element



Fully-fledged dentist element on separate support arm (height-adjustable or not height-adjustable)

The following instrument position assignments are possible:

Holder 1	Holder 2	Holder 3	Holder 4	Holder 5	Holder 6
Standard 3-way syringe	High-speed handpiece	High-speed handpiece	High-speed handpiece	Sirosonic L scaler	Intraoral camera: Sirocam F/AF/AF+
Sprayvit E 3-way syringe	Motor BL E, Motor BL ISO E	Motor BL E, Motor BL ISO E	Motor BL E, Motor BL ISO E	Mini LED curing light	
			Sirosonic L scaler	Intraoral camera: Sirocam F/AF	

Assistent element



No suction



Only Saliva ejector



Only HVE



HVE and Saliva ejector



Fully-fledged assistant element on separate support arm - ideal for 4-handed treatment

The following instrument position assignments are possible:

Holder 1	Holder 2	Holder 3	Holder 4
Sprayvit E	Additional spray aspirator	Spray aspirator	Saliva ejector
3-way syringe	Mini LED curing light		

Your individual options

Here you can view the complete list of individual options, and a checklist of what is included with basic units.

Sim Intego

Dentist element		Supply system	
Support arm		Fresh water bottle	<input type="checkbox"/>
not height-adjustable	■	Connection to city water	<input type="checkbox"/>
height-adjustable	<input type="checkbox"/>		
Instruments		Simulation	
Syringe Sprayvit E with LED light	<input type="checkbox"/>	Height adjustment	
3-way standard syringe	<input type="checkbox"/>	Dentsply Sirona height adjustment	<input type="checkbox"/>
1 st Motor BL E	<input type="checkbox"/>	Rod and Rail	<input type="checkbox"/>
1 st Motor BL ISO E	<input type="checkbox"/>	Phantom head on rod and rail	<input type="checkbox"/>
2 nd Motor BL E*	<input type="checkbox"/>	Phantom head and torso on rod and rail	<input type="checkbox"/>
2 nd Motor BL ISO E*	<input type="checkbox"/>	Without simulator	<input type="checkbox"/>
Turbine hose (for light turbines)	<input type="checkbox"/>	Incline adjustment/Torso	
Turbine hose (for Borden)	<input type="checkbox"/>	Without incline adjustment	<input type="checkbox"/>
Ultrasonic SiroSonic L	<input type="checkbox"/>	Nissim-Interface	<input type="checkbox"/>
Intra-oral camera SiroCam F	<input type="checkbox"/>	Sirona Incline adjustment with torso	<input type="checkbox"/>
Intra-oral camera SiroCam AF	<input type="checkbox"/>	Torso Frasco P-TK 99-002	<input type="checkbox"/>
Integrated USB interface	<input type="checkbox"/>	Phantom head	
Accessories		Frasaco PK-1	<input type="checkbox"/>
Silicone handles	<input type="checkbox"/>	Frasaco PK-2	<input type="checkbox"/>
Silicone mat	<input type="checkbox"/>	Dentition	
		Frasaco AG-3 DA	<input type="checkbox"/>
		Frasaco ANA-4 DAF	<input type="checkbox"/>
		No dentition	<input type="checkbox"/>
		Frasaco AG-3	<input type="checkbox"/>
		Frasaco ANA-4	<input type="checkbox"/>
		Face mask/Drainage system	
		Mask Standard without Drainage P-6 GM	<input type="checkbox"/>
		Mask with drainage via saliva ejector hose P-G IW 99-001	<input type="checkbox"/>
		Mask with drainage to extra bottle P-6 GML SET	<input type="checkbox"/>
		Without Mask	<input type="checkbox"/>
		Accessories	
		Eyes	<input type="checkbox"/>
		Ears	<input type="checkbox"/>
		LED Operating Light	
		LEDview Plus	<input type="checkbox"/>
		LEDlight	<input type="checkbox"/>
		Without operating light	<input type="checkbox"/>
		Monitor / Multimedia	
		Interface for Monitor	<input type="checkbox"/>
		Monitor 22" AC	<input type="checkbox"/>
		Cable Set	
		Sivision digital HDMI 10 m	<input type="checkbox"/>
		Sivision digital HDMI 5 m	<input type="checkbox"/>
Disposal system			
No suction	<input type="checkbox"/>		
Standard wet suction	<input type="checkbox"/>		
Position selector valve for wet suction	<input type="checkbox"/>		
Automatic separator	<input type="checkbox"/>		
Air Venturi	<input type="checkbox"/>		
Above-floor installation of supply lines	<input type="checkbox"/>		

■ Included in basic unit
□ Option

You have not found what you are looking for?

Sim Intego offers extremely many, but not endless configurations.

More Options

For additional options and even more individual configurations Dentsply Sirona offers the upgradeable and expandable **Sim Modular** featuring for example motorized height adjustment of the phantom, integrated disinfection system or the possibility to integrate a ZEISS microscope).



Optimized space

If you want to attach your simulation unit to a (local) table, we offer **Sim Bench**.



Optimized space and functionality

If you want to train dental and dental technicians procedures on the same work station **Sim Multi Bench** could be the right choice for you.



For more information please contact our team of Special Clinic Solutions: sales-w@dentsplysirona.com or visit our website: To find out more about our clinic solutions, products and services go to: www.sirona.clinic

Dentsply Sirona Clinic Success Stories

Success starts with the right partner

Since Dentsply Sirona began, we have helped almost 1000 universities, clinics and hospitals all over the world design and build completely new wards and facilities. We've managed hundreds of equipment upgrades and exchanges and helped many satisfied customers go digital. Wherever you are in the world, when you're ready to talk to the right person to help you plan your new dental clinic or hospital ward, Dentsply Sirona is standing by to enable you to realize your vision.



For more references visit our website:
www.sirona.clinic
and watch the latest videos on our
YouTube Channel:
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Dentsply Sirona

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