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THE BENEFITS MULTIPLY

ANTHOS CLASSE R7

CONTINENTAL
INTERNATIONAL
CART
MODULAR

R7.

en

hance



ENJOY THE DIFFERENCE

CLASSE R7

enhance performance

enhance versatility.

Repositionable and suitable for all surgery layouts, Classe R7 takes the versatility concept to a whole new level. A repositionable unit lets users switch from a right-hand to a left-hand configuration in just a few simple steps.

enhance technology.

Integrated Anthos technology gives dentists access to advanced clinical functions and lets them perform endodontic and implantology work with the instruments on the dental unit. Classe R7 is a comprehensive tool, essential for providing advanced dentistry services.

enhance modularity.

Outstanding versatility takes the form of modularity, guaranteeing ergonomic solutions designed to suit any surgery layout. Wherever it's used, from private clinics to hospital dentistry departments, the Classe R7 is indubitably the right choice.

Anthos Classe R7 is here.

CLASSE R7
CONTINENTAL
INTERNATIONAL
CART
ORTHO



CLASSE R7 MODULAR
CONTINENTAL
INTERNATIONAL
CART



CLASSE R7
PATIENT CHAIR



Fast, simple, effective re-positioning

QUICKSWITCH

With its innovative switchover movement, the Classe R7 can be converted from right to left-handed use and vice versa in just a few steps. The mechanism that allows unit repositioning has been designed to simplify the conversion, which can be completed in

mere seconds without any need for tools or technicians. The dentist's module, unit body and assistant's module can be set up in rapid sequence for use by left-handed dentists.



Easily applied on either side of the dentist's module, the control panel offers maximum ergonomics. All that needs to be done is to detach the instrument control panel and then reconnect it on the opposite side of the module.



Ergonomic design, comfort and style

ISO-JOINT

In addition to streamlined style, patient chair design optimises working ergonomics for the dentist and comfort for the patient. Thanks to ISO-JOINT geometry, compensated backrest-seat movement

maximises comfort and minimises sliding of the patient's head. Type-approved to lift up to 160 kg, the patent chair offers extensive vertical excursion.

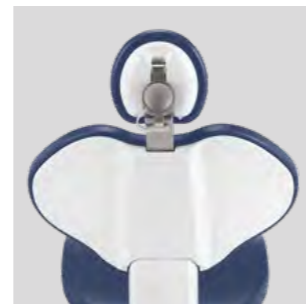
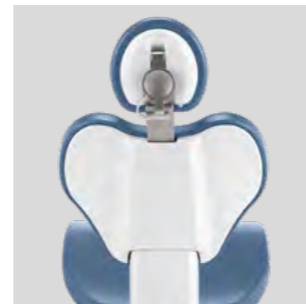


Armrests.
Both armrests provide comfort and can be rotated.



Backrests.

A choice of several backrest types (narrow/wide shaping) meets all the dentist's ergonomic needs. As always, the backrest guarantees patient comfort and easy access.



Keypad.

Conveniently integrated on both sides of the seat, the keypad controls all patient chair movement.



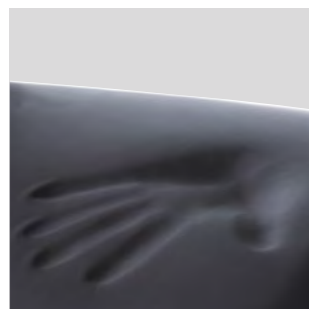
Headrest.

In addition to the version with 2-axis adjustment and mechanical locking, an optional Comfort headrest faithfully follows the lines of the patient's anatomy. Orbital 3-axis movement allows perfect positioning of the head, ensuring patient comfort during prolonged treatment sessions.

Style for the surgery

PERSONALISE

Tapered patient chair shaping lets the surgery staff operate fluidly and hindrance-free. What's more, essential shaping makes surface sanitisation easier and more effective. Standard upholstery (which can be matched with seats) is hard-wearing, seamless and available in 14 different colours to allow eye-pleasing personalisation of the dental surgery.



Anatomical padding. Optional anatomical padding offers patients an exclusive wellness experience.

COLOURS

- 102 198 Atlantic blue
- 113 183 Pacific blue
- 106 196 Mediterranean blue
- 136 186 Indian blue
- 135 194 Venetian red
- 115 195 Scottish salmon
- 132 192 Blueberry violet
- 134 184 Japanese wisteria
- 103 182 Nevada yellow
- 123 193 Polynesian green
- 101 197 Caribbean green
- 137 187 Satin silver
- 121 199 Anthracite grey
- 130 180 Graphite black

Standard upholstery



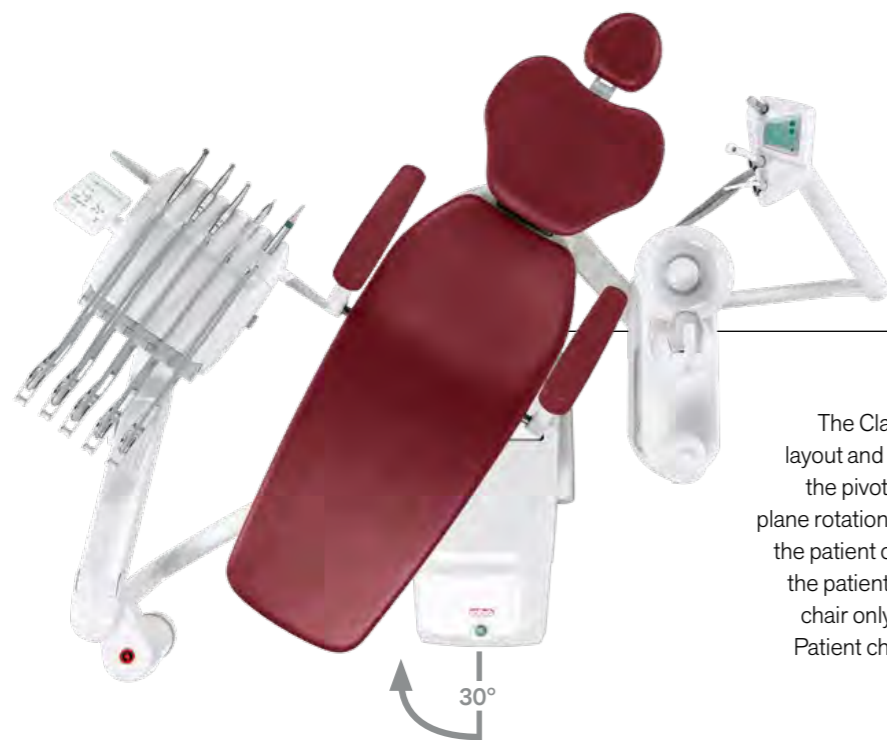
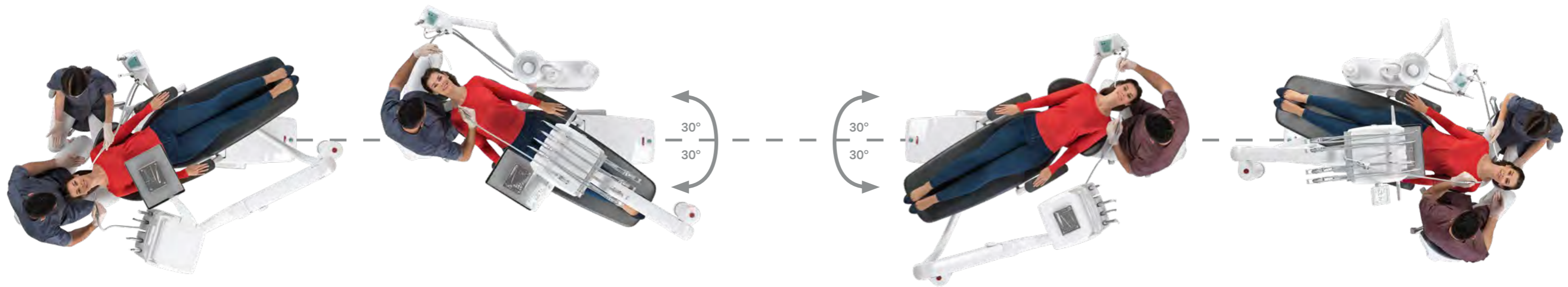
Anatomical padding

Operating efficiency and plenty of space

RATIONALISE

Classe R7 provides outstanding freedom of movement. Rationalising the workspace according to the required treatment demands thoughtful layout of all the elements in the operating area, ensuring

dentist and assistant are positioned optimally around the patient. The freedom provided by Classe R7 results in smooth workflows and maximum working efficiency.



Patient chair rotation.

The Classe R7 can be adapted to match both surgery layout and treatment type. Rotation is achieved thanks to the pivot, a mechanical device that features horizontal-plane rotation of $\pm 30^\circ$ around a central fulcrum underneath the patient chair. The optional pivot function is available on the patient chair in all Classe R7 configurations, from the chair only to the comprehensive version with unit body. Patient chair mobility ensures all surgery staff members can perform their tasks efficiently.

Soft Motion.

The Classe R7 patient chair is equipped with Soft Motion technology that allows gradual, fluid, vibration-free, silent starts and stops: for the patient, the experience is truly relaxing.



Perfect control

MANAGE



The control panel lets users manage all dental unit functions and personalise parameters with ease using integrated devices. Classe R7 features the Full Touch Clinic control panel as standard. On the optional Full Touch Multimedia version, advanced functions also let users display images and videos.

The Clinic instrument panel controls patient chair movement, displays data for conservative, endodontic and implantology work; it is also used to manage hygiene devices and other accessory services. The protective glass is impact and water-resistant and can be disinfected easily and safely.



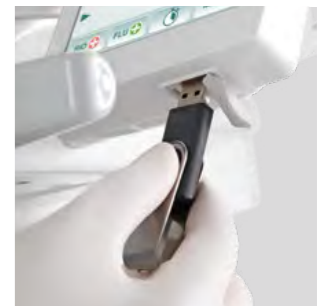
The 7" multitouch HD screen offers immediate data display and can, on the Continental model, be rotated from vertical to horizontal and switched from one side of the dentist's module to the other. Intuitive on-screen graphics speed up work. Smartphone-like operation makes for an extremely simple, up-to-the-minute user experience.



Multimedia control panel. Camera-captured images and X-rays acquired via the integrated system can be displayed in HD.



Images and video. The Multimedia control panel lets you watch clips on dental unit use and maintenance.



USB. A convenient USB port lets individual dentists save and download their personalised settings, a feature that's extremely useful in surgeries with two dentists or more. Acquired images can also be downloaded.

Full endodontic functions

ENDO MODE

Since Classe R7 can incorporate a complete endodontic therapy applications system, dentists no longer need to obtain stand-alone instruments to perform root canal treatment. This system includes a micromotor, an integrated database of

suitable contra angles and endodontic files, Autostop-Autoreverse-Autoforward functions and an electronic apex locator. All of these can be precision-controlled via the Full Touch panel.

Contra angle.

With a 4:1 reduction ratio, the EVO E4 can be autoclaved and heat-disinfected. A miniaturised head aids access to difficult-to-reach treatment zones.

i-MMs micromotor.

Light, compact and fully autoclavable. Fine, precise torque adjustment.



Apex locator.

The apex distance is displayed on the LCD during the root canal instrumentation phase. The nearing of the apex is verified by the ENDO software. Once the apex is reached the Apex-Stop function interrupts micromotor rotation.

Reciprocating mode.

A combination of reciprocating mode (i.e. alternating rotation movement) and the EVO E4 contra angle allows use of RECIPROC®, RECIPROC BLUE® and WAVEONE GOLD® endocanal files. The endodontic file identification trademarks are not owned by Cefla or any of its associated companies.

Essential data is displayed during treatment, ensuring complete control. The software automatically sets torque and speed; alternatively, dentists can set values according to personal requirements.



Integrated implantology devices

IMPLANT MODE

Smooth integration of brushless micromotor, peristaltic pump and dedicated surgical handpiece gives rise to an integrated implantology system controlled via the Full Touch panel. Speed, torque and pump delivery rate

parameters can be selected and saved at any time. A simple, user-friendly interface lets users manage every stage of work quickly and precisely. This set-up thus eliminates the bulk associated with on-cart stand-alone systems.



i-MMs micromotor.

Easily autoclaved or heat-disinfected, the micromotor can reach a torque of up to 70 Ncm and, together with the EVO R20L contra angle, provides the perfect response to the implantologist's every need. The software allows precise, safe control of speed and torque.



EVO R20L contra angle.

Designed for implant surgery. Can be removed, autoclaved and heat-disinfected. Features internal cooling and external spray. LED lighting is powered by an integrated generator.



Peristaltic pump.

Controlled by the Full Touch control panel, the peristaltic pump is incorporated on the dentist's module, thus eliminating the bulk of modules, carts and rheostats.

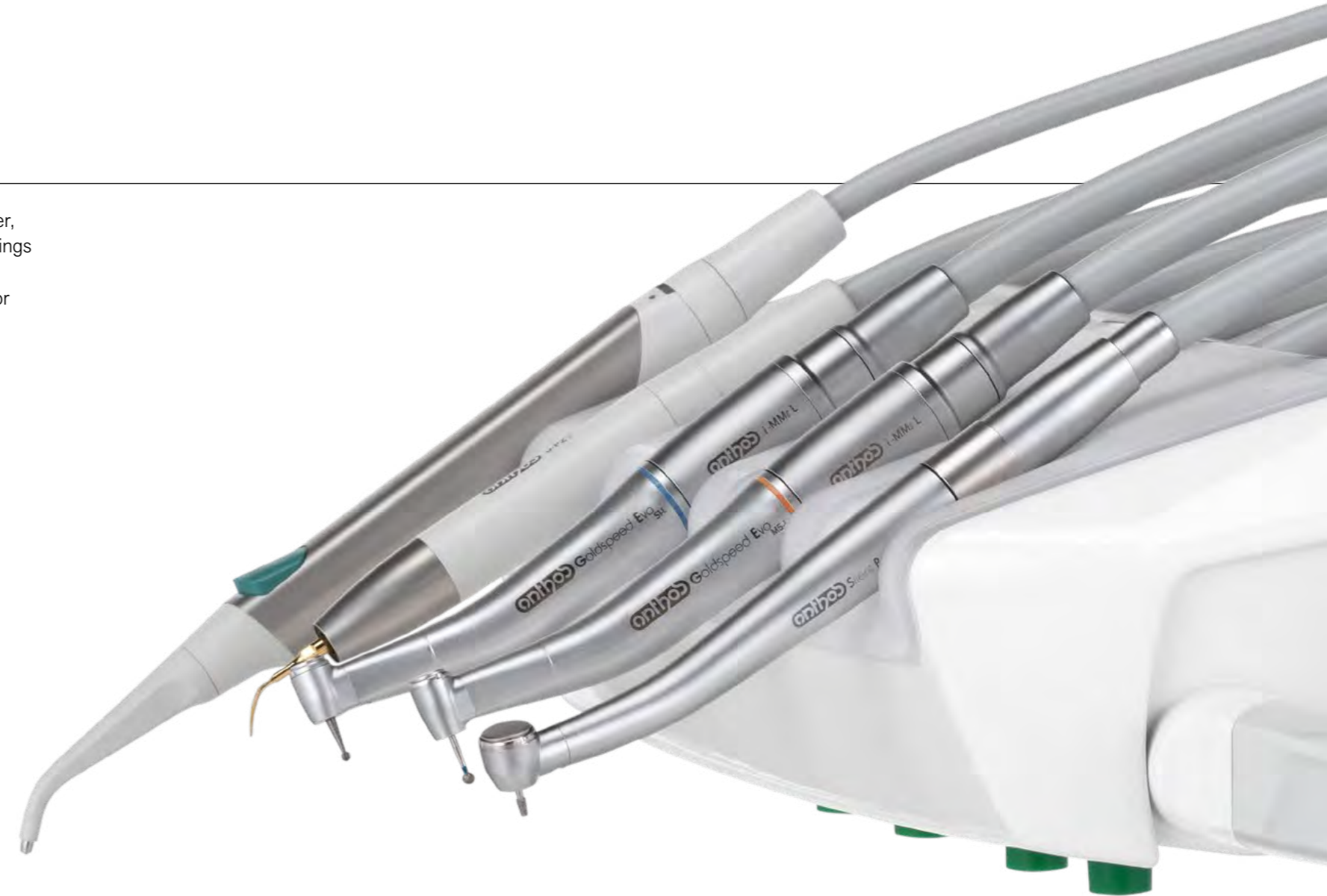


Choice of advanced instruments

LATEST GENERATION

A latest-generation microprocessor and a user-friendly control panel ensure dentists can control a full range of instruments, simply and precisely. Work modes can be set for each instrument and real-time, user-friendly usage info is shown on the

7" display. Turbine, micromotor, scaler, curing light and intraoral camera settings can be adjusted for specific dentistry specialisations. An intraoral camera or curing light can be added as the sixth instrument.



HIGHER POTENTIAL

In addition to their advanced clinical performance, the full potential of Anthos-developed instruments is brought out by full integration with dental unit electronics. Dentists can personalise operating parameters to suit their specific discipline and user profile. Together with its integrated instrumentation, Classe R7 boosts the surgery's clinical potential significantly.



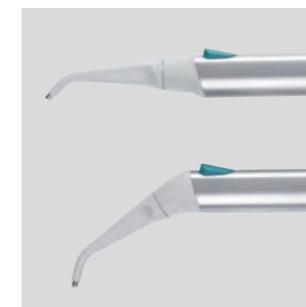
Micromotors. Two versions: i-MMr (3.3 Ncm) with LED; i-MMs (5.3 Ncm) with LED lighting, ready for endodontic and implantology treatment. From 100 to 40,000 rpm.



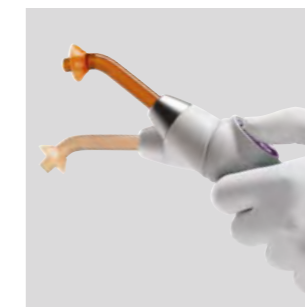
Scalers. With or without LEDs, handpieces compatible with the best tips on the market. Highly useful in ENDO mode as root canal treatment instruments.



Turbines and contra angles. Dentists can use a broad range of turbines and contra angles for specific dentistry tasks.



Syringes. Ergonomically-shaped 3 and 6-way syringes are available. The metal syringe body and the tip (both straight and angled versions are available) can be removed and autoclaved.



T-LED curing light. Maximum ergonomics thanks to the swivel grip. 6 polymerisation programmes and autoclavable fibre optic light guide.



HD camera. The C-U2 has glass optics and a LED light diffuser. It incorporates an HD 16:9 sensor that captures high definition clinical images.

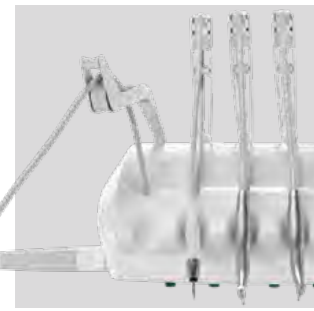
Freedom of movement

FLUIDITY

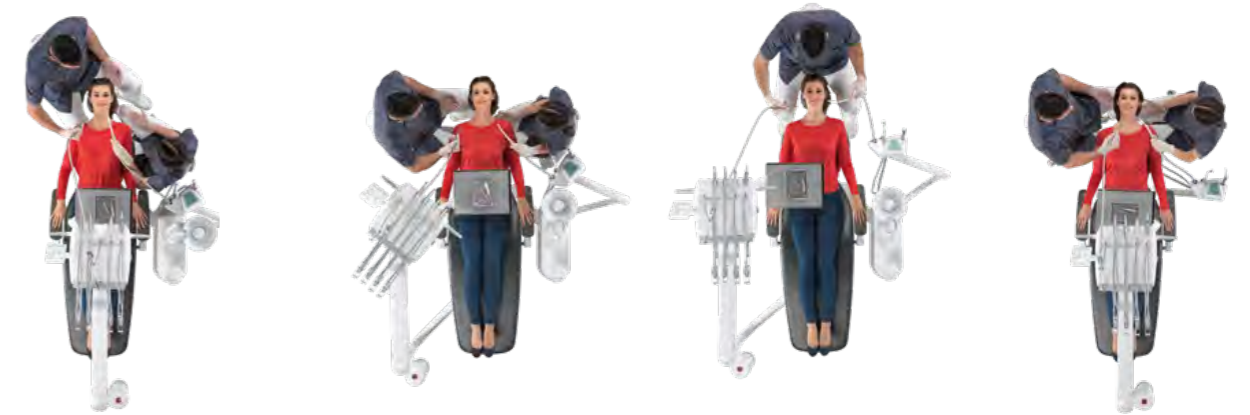
Continental version design makes the most of the manoeuvrability of individual dental unit modules. By enhancing interaction within the dental team, workflows are smoothed and streamlined. The streamlined module is light and compact

while the instrument levers, which reduce vertical bulk, minimise interference with the operating light and allow considerable extension. Each lever has individually adjustable traction force and balance.

Equipped with the option of SideFlex technology, the instrument levers ergonomically follow sideways tubing movement. The coupling reduces on-wrist traction and fatigue while optimising instrument recovery from every working position.



Outstanding ergonomics. Whatever the treatment zone, positioning is easy and ergonomic thanks to the broad excursion of the new, module arm system and its pneumatic vertical release mechanism.

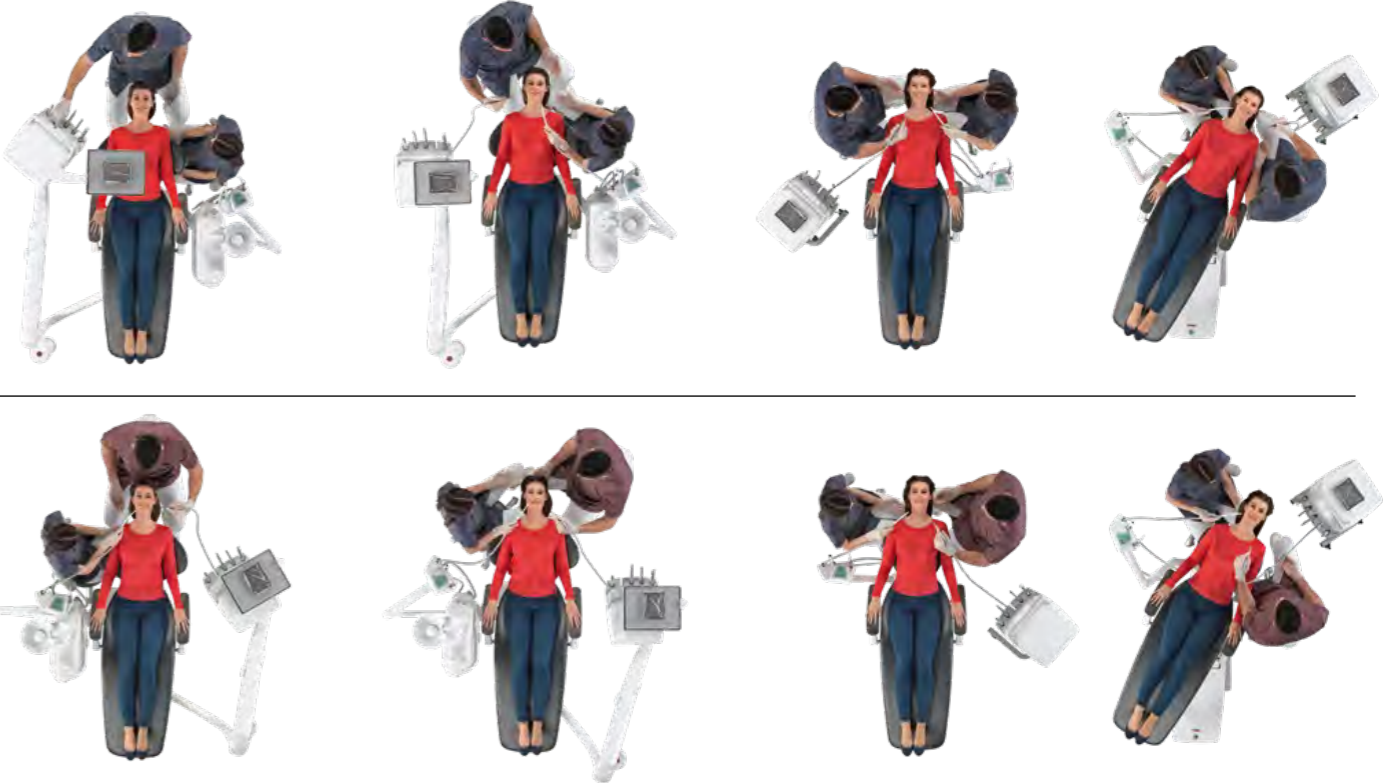


Ergonomic versatility

FLEXIBILITY

International module handpieces can be gripped with ease from any working position. The instrument layout is the result of modern design and a careful analysis of dentists' needs. A blend of optimal control

panel visibility, instrument accessibility and spatial organisation ensures unrivalled ergonomics. A transthoracic version of the large tray holder module is also available, a useful aid during surgery sessions.



CLASSE R7 CART

The Cart version ensures absolute working freedom. The outstanding mobility of the dentist's module makes it perfect for any workplace and optimal for operating theatres. It provides all the necessary around-the-patient space yet is equally capable of letting one, two or even three staff members work simultaneously. Height-adjustable, the module features an easy-grip handle and a large table area.

Made-to-measure assistant's side

CONFIGURE

Classe R7 maximises assistant-side configurability. Solutions with a 3 or 5-holder assistant's module are available. Mounted on a height-adjustable double-articulated arm, this highly useful module incorporates a glass-protected touchscreen

that controls patient chair movement and other key functions such as activation of hygiene systems (where applicable), water to the cup, operating light on/off, rinse and stand-by.



Assistant's module with 5 instruments.

The optional module has 5 instruments. It can assume any position needed to maximise working ergonomics. The 2 cannulae can be combined with up to 3 selected handpieces, including camera, syringe, T-LED curing lamp or a dynamic instrument.



Assistant's module with 3 instruments.

Supplied as standard, the 3-instrument module can assume multiple positions, ensuring an effective response to every clinical need.

A positionable stainless steel tray holder completes the accessory range.



Modular Version.

On R7 Modular versions, the assistant's module can easily be positioned on both sides of the patient chair thanks to the articulated height-adjustable arm which swivels around the pin located behind the seat.



Cuspidor bowl with optical sensor.

The water-to-cup delivery system can be equipped with an optional automatic filling sensor. The ceramic cuspidor bowl is fully removable to allow fast, efficient sanitisation. A powered cuspidor bowl is also available as an optional. In this case the software synchronises rinse tasks and patient chair movement.



Swivel tray holder.

The cuspidor bowl can be replaced with a swivel tray holder installed on the front cover of the unit body.



Operating light

TECHNOLOGY

LED operating lights ensure optimal illumination of the treatment area. Today's technology allows lighting parameters to be adjusted as per individual clinical requirements.



Venus LED MCT (Multi Colour Temperature).

The Venus LED MCT (Multi Colour Temperature), instead, allows for the use of three different colour temperatures to ensure perfect lighting of the oral cavity under all circumstances. 4300K warm light for surgical treatment, 5000K neutral light for conservative dentistry and 5500K cool light for realistic colour capture.

All temperature variations, from warm to neutral or cool and vice versa, can easily be activated and always ensure a perfect view of the operating area according to the treatment being performed. Optimal light beam efficiency minimises shadows in the oral cavity.

The special **Curing Mode** function modifies light wavelength to prevent pre-polymerisation of the compounds, simultaneously ensuring optimal lighting.



Venus Plus L-LED.

Venus Plus L-LED features a potentiometer that lets users adjust light intensity from 3,000 to 50,000 Lux and has a colour temperature of 5000K. On-off control and adjustment via infrared sensor.



Venus Plus.

Venus Plus features a removable front screen and handles. It moves around three axes, ensuring maximum manoeuvrability. Equipped with a soft-start device, it has a colour temperature of 4900K and adjustable light intensity from 8,000 up to 35,000 Lux.

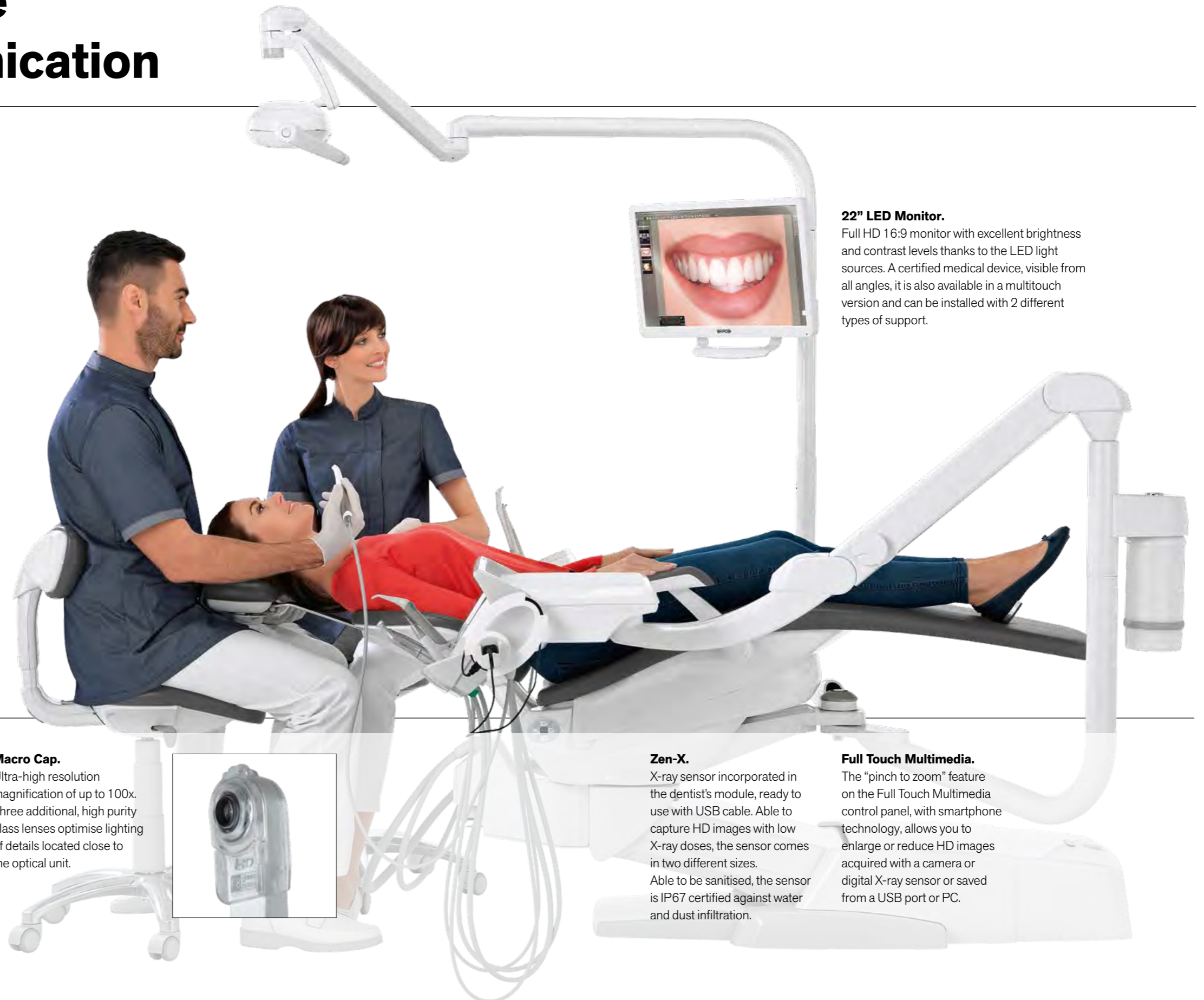
Effective communication

WORKFLOW

The Classe R7 comes ready for integration of a multimedia system, with imaging and X-ray devices providing excellent communication. The immediate availability of diagnostic data enhances medical team efficiency, eliminating downtimes and workflow interruptions.

With the integrated camera, the image can be duplicated on the 7" Full Touch Multimedia control panel and can also be enlarged for a better view of the details. When the dental unit is connected to the surgery network, images from a PC can also be viewed.

The patient has a clear picture of his or her condition. Immediate and clear sharing of information strengthens the relationship with the dentist. This facilitates accurate evaluation of the patient's state of health and treatment possibilities.



22" LED Monitor.

Full HD 16:9 monitor with excellent brightness and contrast levels thanks to the LED light sources. A certified medical device, visible from all angles, it is also available in a multitouch version and can be installed with 2 different types of support.

C-U2 HD camera.

High-resolution images aid dentist-patient communication. Easy to use (no manual adjustment required), slender design means distal zones can be reached with ease.

Macro Cap.

Ultra-high resolution magnification of up to 100x. Three additional, high purity glass lenses optimise lighting of details located close to the optical unit.



Zen-X.

X-ray sensor incorporated in the dentist's module, ready to use with USB cable. Able to capture HD images with low X-ray doses, the sensor comes in two different sizes. Able to be sanitised, the sensor is IP67 certified against water and dust infiltration.

Full Touch Multimedia.

The "pinch to zoom" feature on the Full Touch Multimedia control panel, with smartphone technology, allows you to enlarge or reduce HD images acquired with a camera or digital X-ray sensor or saved from a USB port or PC.

Active protection

INTEGRATED SYSTEMS

Workplace safety - for patient, dentist and assistant alike - depends on the effectiveness of integrated systems, and Anthos has one for every need. The Full

Touch panel gives users full control over devices and also can be used to manage individual sanitisation or disinfection cycles.



DVGW CERTIFICATE

The dental unit body is EN 1717 compliant.



Systems control.

Because all systems are fully integrated with the dental unit electronics, dentist and assistant can monitor and personalise procedures via the Full Touch display.



BIOSTER and FLUSHING

The automatic BIOSTER system performs intensive disinfection of instrument spray internal circuits with an antiseptic liquid (Peroxy Ag+). Each stage of the cycle is controlled by the software and settings can be personalised by the user. FLUSHING gives the spray ducts a fast rinse to eliminate any stagnant liquid from tubing. Its use is recommended every morning when the surgery opens.



A.C.V.S.

Automatic system for the flushing and cleaning of the suction system. Allows sanitisation to be performed between one patient and the next.



S.H.S.

The device that feeds water to the sprays as an independent alternative to mains water is supplied as standard. Works by way of a tank filled with distilled water: this prevents limescale build-up. Extremely useful where mains water is hard.



O.D.R.

As-standard mechanism that automatically emits an air jet to clean any residual liquids or solids from the handpiece after use.

Protected environment

SAFETY

A combination of active devices and constant defence against contamination form the bedrock of the Anthos hygiene system. Careful design of dental unit components at risk of contamination makes surface cleaning tasks easier and more effective. Safety in the surgery is further enhanced by the presence of removable parts and suitable materials.



Double filters. These easily removable filters make emptying and cleaning tasks simple.



Cannulae guides. Easy-to-remove elements ensure perfect cleanliness in what is a potentially critical area.



Quick couplings. Release system for cleaning and/or replacement.



Removable instrument levers. The optional SideFlex instrument levers can be removed to aid cleaning tasks.



Surfaces. All surfaces are specifically designed for easy cleaning.



Removable support. On the Continental module, the instrument support can be removed and disinfected.



Upholstery. Easy-to-sanitise, durable seamless padding.



Unit body access. Wide opening on the side of the unit body for easy access to integrated systems.



Cuspidor bowl unit. Fully removable for fast, effective sanitisation, the cuspidor bowl unit consists of parts that are easy to clean and disinfect (ceramic as standard or, as an optional, glass).



Handle. The Continental module handle is removable and disinfected.



Disposable covers. These protect glass surfaces on the dentist's control panels on Continental, International and the assistant's module.



Handpiece support. Instrument support mat in autoclavable silicone.



Operating light. The handles are removable and autoclavable.

The value of choice

ACCESSORIES

A broad range of accessories lets dentists personalise the operating unit according to their specific needs.



Foot control. Three different ergonomic designs are available, each of which has a wireless version. These allow activation of Chip Air/Water, micromotor rotation inversion, patient chair movement and recall of saved positions.



Seats. Ergonomic model with seat height adjustable from 47 to 63 cm, or an anatomical model for dentist and assistant with seat height adjustable from 42 to 56 cm. A 10 cm extension is available for all models.



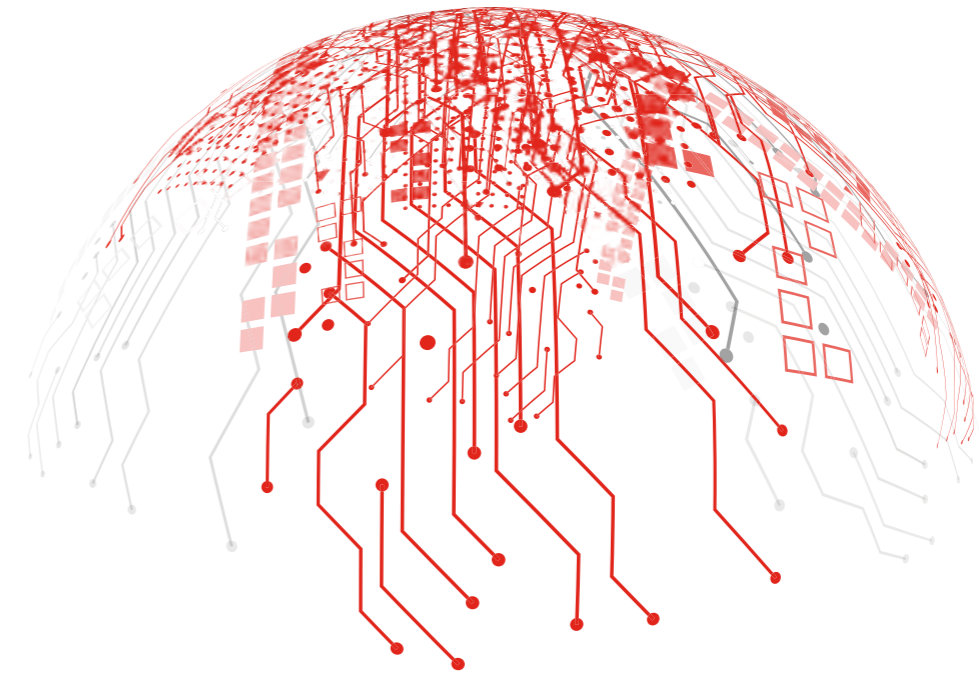
Stop Vacuum. Device incorporated in the patient chair base: when pressed it interrupts suction without the user having to replace the cannulae in the holders.



Headrest. In addition to an adjustable 2-axis version with mechanical lock, the Comfort model features a pneumatic lock system and 3-axis movement for freer, more precise positioning.

Anthos Connect

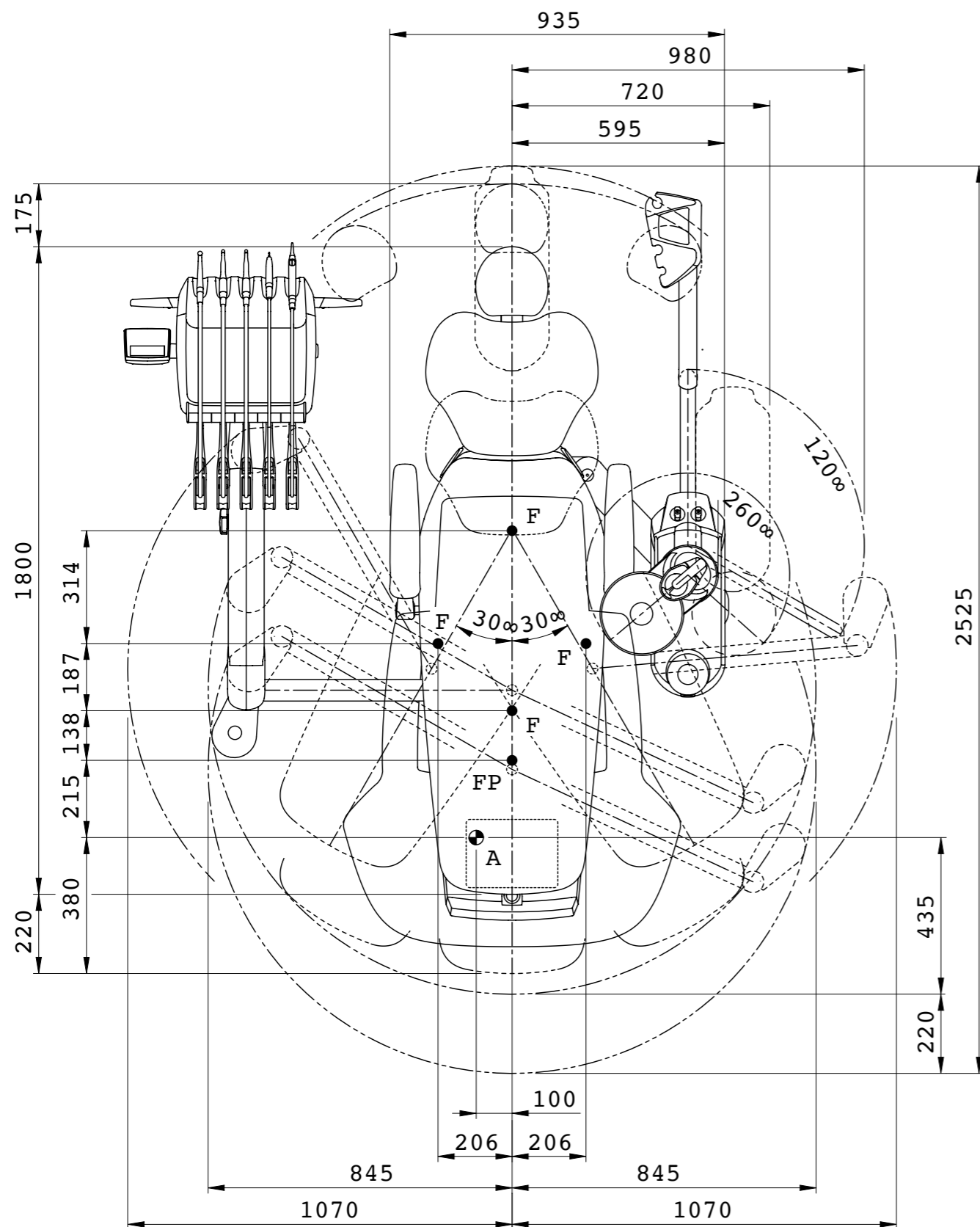
REMOTE ASSISTANCE



Anthos Connect

All products in the Anthos dental unit range are equipped with an integrated device that allows internet connection. A series of optional, remote services make surgery workflows more efficient. When linked to the Internet via Easy Check, the dental unit can rely on a real-time troubleshooting and technical support service. The Di.V.A.* lets dentists - via a simple, user-friendly panel - monitor usage of the available instruments and analyse surgery efficiency. All connected equipment items undergo constant real-time status monitoring: an excellent tool for managing workloads and planning maintenance in large facilities.

*Digital Virtual Assistant



HYGIENE SYSTEMS	CLASSE R7			CLASSE R7 - MODULAR		
	CONT	INT	CART	CONT	INT	CART
Tank for independent water feed	●	●	●	●	●	●
FLUSHING - Water circuit rinse-out device	○	○	○	○	○	○
BIOSTER S - Automatic spray water circuit disinfection system	○	○	○	-	-	-
A.C.V.S. Suction System flushing and sanitation	○	○	○	-	-	-
O.D.R. device - liquid anti-retraction	●	●	●	●	●	●
DENTIST'S MODULE						
i-MMs Micromotor with f.o. (100-40,000 rpm) with torque adjustment, autoreverse and autoforward	○	○	○	○	○	○
i-MMr micromotor (100-40,000 rpm)	●	●	●	●	●	●
i-MMrL micromotor with f.o. (100-40,000 rpm)	○	○	○	○	○	○
Anthos u-PZ 6 scaler	○	○	○	○	○	○
Anthos u-PZ 7 f.o. scaler	○	○	○	○	○	○
3-way syringe	●	●	●	●	●	●
6-way syringe	○	○	○	○	○	○
6th instrument	-	○	○	-	○	○
Panoramic X-ray viewer	-	○	○	-	○	○
Integrated ZEN-X X-ray sensor	○	○	-	○	○	-
Removable stainless steel tray holder module suitable for 2 standard trays	●	○	○	●	○	○
Integrated apex locator	○	○	○	○	○	○
Reciprocating mode module	○	○	○	○	○	○
Peristaltic pump kit with saline solution irrigation set	○	○	○	○	○	○
UNIT BODY						
Motor-driven cuspidor bowl	○	○	○	-	-	-
Tray holder configuration instead of cuspidor bowl	○	○	○	-	-	-
Water-to-cup heater	○	○	○	-	-	-
Spray heating	○	○	○	○	○	○
Connection for external devices (air, water and power supply)	○	○	○	○	○	○
Wiring for multimedia applications and PC connection	○	○	○	○	○	○
Venus LED MCT operating lamp	○	○	○	○	○	○
Venus Plus operating lamp	-	-	-	●	●	●
Venus Plus L-LED operating light	●	●	●	○	○	○
Suction system	○	○	○	○	○	○
PATIENT CHAIR						
Patient chair rotation ±30° with pneumatic stop	○	○	○	○	○	○
Standard 2-axis headrest	●	●	●	●	●	●
Comfort 3-axis headrest	○	○	○	○	○	○
Power Pedal foot control	○	○	○	○	○	○
Pressure-operated foot control	○	○	○	○	○	○
Multi-function foot control	●	●	●	●	●	●
Power Pedal foot control - wireless	○	○	○	○	○	○
Pressure-operated foot control - wireless	○	○	○	○	○	○
Multi-function foot control - wireless	○	○	○	○	○	○
Control keypads on seat side	●	●	●	●	●	●
Rotating patient chair armrests (right and left)	○	○	○	○	○	○
Child's cushion	○	○	○	○	○	○

as standard ● optional ○