



anthos.com



**BU MEDICAL EQUIPMENT
SEDE LEGALE ED AMMINISTRATIVA
HEADQUARTERS Cefla s.c.**

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Making Your Life Better.



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Due to our policy of constant technological upgrading, technical specifications may be subject to change without prior notice. According to the standards in force, in non-EU areas the availability and specifications of some products and/or features may vary. Please contact your local distributor for further information.



A6



EN
**Anthos
Classe A6 Plus**
CONTINENTAL
INTERNATIONAL
**ex
plore**

ex plore

explore comfort.

Design that ensures comfort for the dentist, the surgery team and the patients. A combination of efficiency and convenience give dentists working days free from physical stress.

explore potential.

Functions and technologies that allow dentists to engage in different disciplines with confidence thanks to fully integrated, cutting-edge software, instruments and systems.

explore safety.

A design concept intended to minimise all cross-contamination risks. Automatic, certified hygiene systems. Active protection for patients and the dental team.



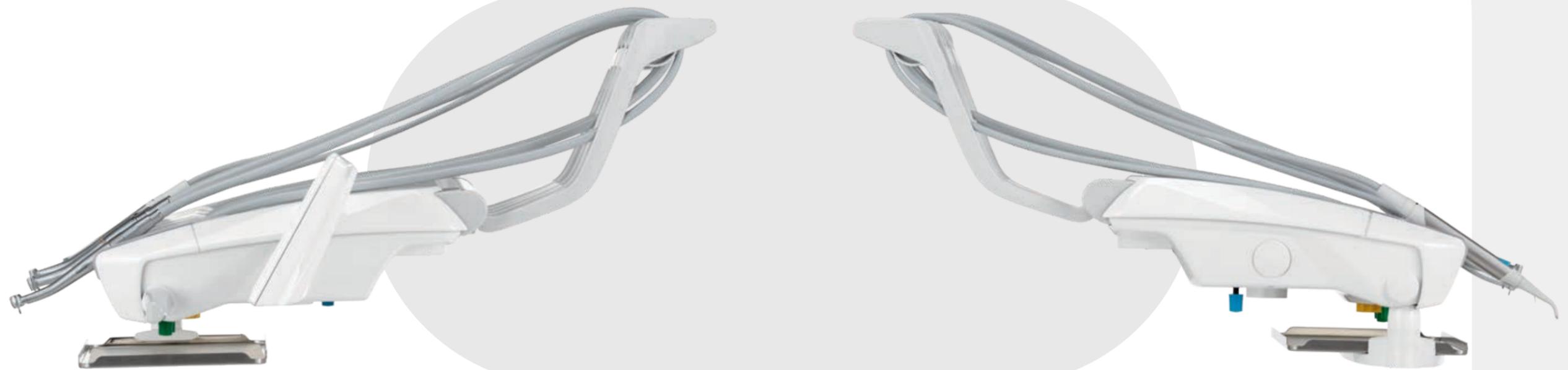
**Anthos
Classe A6
Plus.**

Designed for working comfort

LIGHTNESS

Compact and nimble, a Continental module that requires little space and offers outstanding flexibility of movement. Designed with instrument levers that do not interfere

with the operating light and ensure considerable reach. Each lever has individually adjustable traction force and balance.



SideFlex technology.

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.



Operating comfort.

To adjust instrument height, pneumatic release is activated by an on-handle sensor. Optional sixth instrument and tray holder module, available in two sizes: standard and compact.



Simple, practical geometry

FLEXIBILITY

The combination of a flexible arm system and a meticulously designed International module gives dentists full freedom of movement in every operating zone. Ergonomically arranged instruments sit firmly in their holders and allow the handpiece to be gripped with ease

from every position. Thanks to geometry that optimises organisation of the treatment space, the International module provides easy access to instruments and a perfectly positioned display.



Supplementary holder.

A sixth instrument holder and a Zen-X radiography sensor connection are available as accessories.



X-ray viewer.

Backlit and big enough to display large and panoramic X-rays, the viewer is positioned to give users an easy, direct view.



Tray holder.

Large transthoracic version available; this offers a broad support surface that dentist and assistant can reach with ease.

A fully equipped assistant's side

PERSONALISATION

Maximum configuration flexibility on the assistant's side where 3 or 5-holder modules are possible. Mounted on a height-adjustable double-articulated arm, this highly useful module incorporates a glass-protected touchscreen

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



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.



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 light 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.



Anthos
Classe A6 Plus
Continental





Anthos Classe A6 Plus International



STYLE

Exclusivity and design

On the one hand, compact unit body design and a broad colour selection to give the surgery a touch of style. On the other, outstanding practicality and high quality materials. Independent water feed reservoir (accessible from the exterior), large hatch for unhindered access to systems inside the unit body and a cuspidor bowl unit that remains outside the treatment zone when in standby.



Unique personality.
The unit body is available with 4 optional colour schemes and can mount either standard or Memory Foam padding, both available in 19 different colours.

Memory Foam padding.

Optional Memory Foam padding offers patients an exclusive wellness experience.



COLOUR RANGE

- 141 171 Papyrus Beige
- 142 172 Anatolian Hazelnut
- 143 173 Arabian Gold
- 140 170 Brazilian Brown
- 144 174 Ruby Red
- 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 Bright Silver
- 121 199 Anthracite Grey
- 130 180 Graphite Black

Standard upholstery



- 141 142 143 140 144 102 113 106 136 135 115 132 134 103 123 101 137 121 130

Memory Foam padding



- 171 172 173 170 174 198 183 196 186 194 195 192 184 182 193 197 187 199 180

The shape of comfort

OUTLINES

Patient chair design optimises working ergonomics for the dentist and maximises patient comfort. The thinly profiled seat prevents any obstruction of the spaces underneath the patient chair.

Specially shaped chair.

Tapered shaping and compactness let the entire dental team operate fluidly and hindrance-free. Clean, essential lines ensure extremely simple sanitisation.



Backrests.

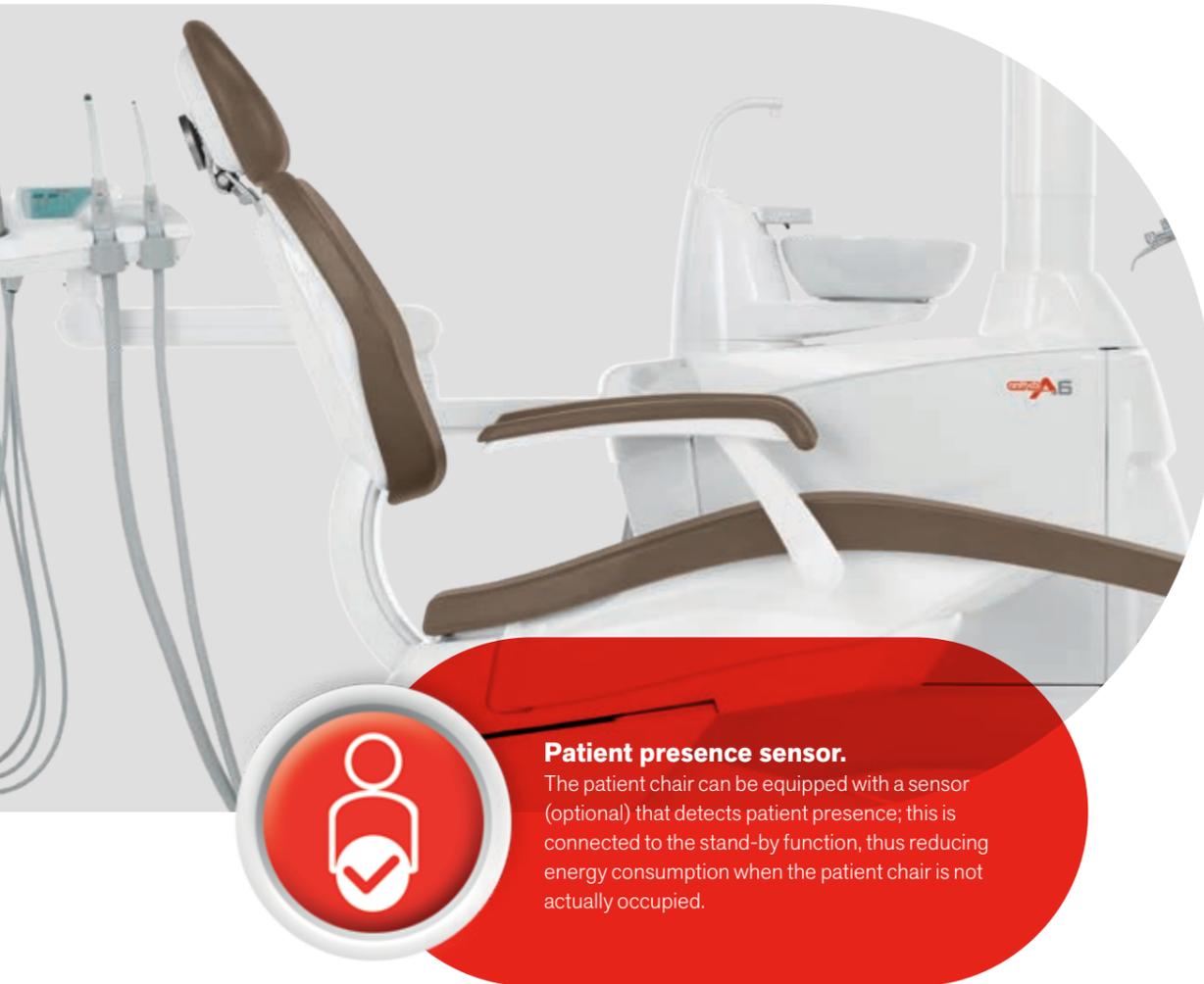
A choice of three backrest types - narrow, wide and Nordic - meets all the dentist's ergonomic needs. As always, the backrest guarantees patient comfort and easy access.

SHAPING



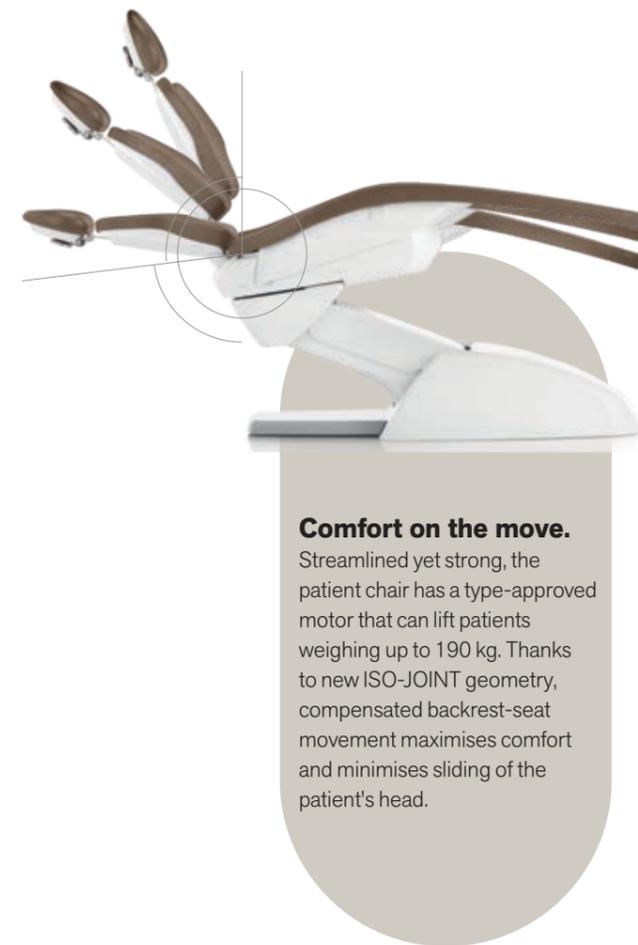
Performance on the move

SYNCHRONISATION



Patient presence sensor.

The patient chair can be equipped with a sensor (optional) that detects patient presence; this is connected to the stand-by function, thus reducing energy consumption when the patient chair is not actually occupied.



Comfort on the move.

Streamlined yet strong, the patient chair has a type-approved motor that can lift patients weighing up to 190 kg. Thanks to new ISO-JOINT geometry, compensated backrest-seat movement maximises comfort and minimises sliding of the patient's head.



Vertical excursion.

Extensive vertical travel (37-80 cm) makes it easier to provide treatment in comfort and allows easy patient chair access for the elderly.



Flexible installation.

To minimise the amount of adaptation work - or eliminate it altogether - during dental unit installation, there are two points for connection to the floor-mounted outlets: under the leg rest or under the front of the unit body. This provides greater flexibility when replacing an old patient chair.

ANATOMY

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.



Armrests.

Swivel armrests offer comfort and feature inserts that match the upholstery.



Advanced functions, assured precision

TOUCH LCD

Classe A6 Plus is equipped with the new colour LCD touchscreen. Colour icons make it easier to understand the various functions. Controls are activated immediately.

The screen displays all key information clearly. Access to settings for the individual instruments, patient chair and integrated devices is fast and user-friendly.



Clean.

Function that disables the keyboard when the glass surfaces of the panel need cleaning, thus preventing involuntary activation of controls.

CLEAN



Timer.

With this function, operations that require verification of application times, such as the use of etching gel or compounds, are easily kept under control.



Endo.

The i-MMs micromotor (optional) gives dentists access to all endodontic functions, which are controlled in an integrated manner by the panel on the dental unit.

ENDO



Multi-profile feature.

Cuspidor-cup system automatisms, favourite working positions and settings for every single instrument can be saved for up to 4 different users, ensuring maximum versatility of use. This function is useful in multi-dentist surgeries or in clinics where there is high turnover of specialists.



INSTRUMENTS

Advanced performance

Integrated into the dental unit electronics (i.e. allowing direct management of work modes for each individual instrument via the control panel), Classe A6 Plus instruments let dentists perform a broad array of clinical

tasks. Parameters can be personalised according to the discipline and the dentist's profile, which calls up all his/her preferences on the LCD.



Instruments for every need, from lightweight, ergonomic micromotors to the thin-tip HD camera with touch key for easier use of the freeze-frame function. A selection of advanced handpieces ensures dentists can make full use of their hard-won professionalism.



FLUO micromotors.
Available as an option on both micromotors, the fluorescent LED light highlights composite materials.



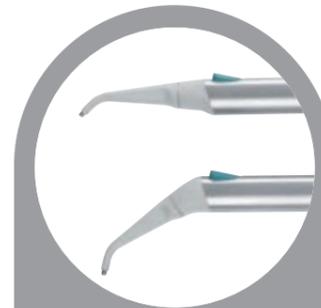
Micromotors.
Two versions: i-MMr (3.3 Ncm) with LED; i-MMs (5.3 Ncm) with LED lighting, ready for endodontic treatment. From 100 to 40,000 rpm.



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.
T-Led has an emission spectrum for activation of the latest-generation composites. It features a swivel grip, a user-friendly interface and the bracket programme - one of the seven available - consisting of 5 brief, emissions.



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.

ENDODONTICS

Higher clinical potential

The optional integrated endodontics system optimises the ergonomics of root canal treatment. Consists of micromotor, Autostop, Autoreverse and Autofoward functions and an electronic apex locator. 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.



Endodontics. During endodontic work the colour LCD control panel displays key data to give the dentist full control over treatment.

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.



i-MMs micromotor.
Light, compact and fully autoclavable. Fine, precise torque adjustment.



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



FLUO micromotors.
In addition to improvements that reduce both weight and noise, Anthos micromotors are now available with FIT (Fluorescence-aided Identification Technique) technology to detect any composite materials in the teeth.



Easily visible.
The composite material in the tooth is revealed by the UV LED light. This makes its removal easier, faster and more precise compared to illumination with traditional white LED light.

Workflow optimisation

The integrated multimedia HD image acquisition and X-ray system helps shorten the time spent in the patient chair. Moreover, patients benefit from involvement in the process, ensuring they're well informed about the proposed treatment. Faster diagnosis and effective communication with the patient mean faster workflows and higher overall surgery profitability.

INTEGRATION



MULTIMEDIA

22" LED Monitor.

The integrated 22" monitor can be cable-connected to a PC. A multitouch version, where the screen can be positioned via 2 different types of support, is also available.

C-U2 HD camera.

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

Display.

The monitor can display individual images or a mosaic of up to 4 images for quick comparisons.

RADIOLOGY

Zen-X.

X-ray sensor integrated 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. The sensor can be sanitised and is IP67-certified against water and dust infiltration.

RXDC - HyperSphere technology.

Intra-oral X-ray system integrated with the dental unit via a handheld wireless device. Outstanding images thanks to the parallelism that stems from 30 cm collimation and a focal spot of 0.4 mm. Rotating around the spherical coupling, the tube head can reach any position.

22" LED Monitor.

Full HD 16:9 1920 x 1080 pixel flat screen monitor with IPS panel to aid viewing from any angle. LED light sources ensure optimal brightness and contrast.

The advantage of automatic systems

HYGIENE

Any risk of cross-contamination or internal ducting contamination is minimised by a broad array of hygiene devices. Automated procedures add a further layer of safety. The instrument control panel gives the user complete control of sanitisation cycles as it is also possible to personalise individual parameters. Use of the W.H.E.

system, together with an intensive BIOSTER disinfection cycle, has been shown to result in the complete absence of bacterial load in cooling liquids delivered by the instruments. This result is certified by tests performed by the Sapienza University of Rome and the Department of Public Health and Paediatrics of the University of Turin.



W.H.E.

Certified DVGW continuous disinfection system that prevents backflow contamination of the dental unit water supply and acts against all water-borne contaminants. The use of Peroxy Ag⁺ is recommended.

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 disinfection of the suction system. Allows sanitisation to be performed between one patient and the next.

S.H.S.

Device that feeds water to the sprays as an independent alternative to mains water. 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.

DEFENCE

Reliable safety

Efficient defence against the risks of contamination stems from the meticulous approach to design taken by Anthos researchers.



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.



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



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.



Handpiece support.
Instrument support mat in autoclavable silicone.



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



Operating light handles.
All are removable and autoclavable.

Lighting technology

OPERATING LIGHT



Venus Plus SCT Composite.

LED lamp equipped with 4 light sources, placed outside the reflector body, with intensity adjustable from 3,000 to 50,000 Lux. This creates a large spot-lit area, minimising shadows. A further 2 central light sources generate a beam with different wavelengths: this prevents pre-polymerisation of composites while ensuring excellent illumination of the oral cavity.

(supplied as standard)



In addition to a high Colour Rendering Index (>90), a large spot-lit area and removable, sterilisable handles, it also features an infrared sensor for switching on/off/adjusting intensity.



Venus LED MCT.

The Venus LED MCT lamp rotates on three axes to ensure perfect lighting of the operating field whatever the task or position. The No Touch sensor can switch the lamp on/off and adjust light intensity up to 50,000 Lux. The innovative system makes it possible to provide just the right light for every clinical discipline, with 3 different temperature values: warm (4,300 K), neutral (5,000 K) or cool (5,500 K) light. Absolute colour fidelity thanks to a rendering that scores more than 95 on the Colour Rendering Index (CRI, scale 0-100).



Light colour.

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

Curing Mode.

This function modifies light wavelength to prevent pre-polymerization of the compounds, simultaneously ensuring optimal lighting.



Venus LED MCT View.

The Venus LED MCT View combines a 4K camera with PC software to capture ultra-high-definition images and videos. The Smart Focus system features liquid lenses, ensuring fast, optimal digital focusing. In addition to smoothing practitioner-patient communication, the camera is also, thanks to recordings and multimedia streaming, a useful aid for clinical training, treatment documentation and academic disclosure.



The value of choice

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



Each model contributes to maintaining energy levels and a feeling of well-being throughout the day.

Seats. A range packed with ergonomic solutions.

S9 is the latest-generation saddle-shaped active seat with tilt mechanism. Evens out weight distribution and corrects posture to minimise strain on the spine.
S7 for the dentist, height-adjustable and with the option of adapting the backrest angle.
S8 for the assistant, with a circular seat to aid the frequent position adjustments required during treatment.



Stop Vacuum. Device integrated in the patient chair base: when pressed it stops 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.



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.

Anthos Connect



All products in the Anthos dental unit range are equipped with an integrated device that allows internet connection. This means the practice can rely on a real-time remote diagnosis and technical support service. Moreover, Di.V.A.* (Digital Virtual Assistant) lets dentists track their use of the dental unit, of the instrumentation and of the completed disinfection cycles, all on a simple dashboard. Just open any browser to access the digital virtual assistance services website. Constantly updated, these services are available on the cloud, are specific to the purchased model and do not require any software downloads.

*Digital Virtual Assistant



General use. It's possible to monitor usage of a single dental unit or the complete installed machine pool. This means a dental practice owner or a dental practice chain can track how their dental units are being used, as quantified by the optional sensor that detects patient presence or operating light activation.



Disinfection cycles. The Di.V.A. tracks frequency of hygiene system use. It logs each system start to build up a record of performed disinfection cycles. Useful for in-practice inspections, it also estimates consumption and monitors effective reactivation of equipment.

Using the instruments. The dashboard lets users monitor how the integrated instrumentation is actually used, info on individual instrument work modes (Conservative, Endo) included. This helps estimate maintenance requirements or assess the need for upgrades on some machines.



Tutorials and user manuals. Thanks to Di.V.A., users can access tutorials specific to the purchased model (e.g. a video showing how to disassemble the cuspidor bowl or fill the tanks used for disinfection). Users also have direct access to the constantly-updated online use and maintenance manual.