

DESIGN

CROSS DEVICE

SURGICAL

CROSSOVER

EXCLUSIVE

PERFORMANCE

SIDE DELIVERY

ERGONOMICS

SPACE

CONTINENTAL

HIGH DEFINITION

CROSS BENEFITS

COMFORT

EXPERIENCE



CLASSE L9



Stabilimento / Plant

Via Bicocca, 14/c
40026 Imola - Bo (Italy)
tel. +39 0542 653441
fax +39 0542 653601

Sede legale ed amministrativa

Headquarters

Cefla s.c.
Via Selice Provinciale, 23/a
40026 Imola - Bo (Italy)
tel. +39 0542 653111
fax +39 0542 653344
www.anthos.com

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Our policy of constant technological upgrading means that technical specifications may be subject to change without prior notice.



CLASSE L9



L9.

ENHANCED PERFORMANCE.
LIMITLESS EXPERIENCE

"A NEW WAY OF WORKING HAS BEGUN. ANTHOS CLASSE L9"

CLASSE L9 

Anthos rewrites the rules on ergonomics
We've envisaged a new, more immediate, more effective way of working where ergonomics merges with operational freedom to provide enhanced performance, where technological innovation becomes cutting-edge professionalism, where functionality, design and flexibility combine to create a whole new crossover concept.

Anthos Classe L9 has arrived.
New Crossover Design

L9. 



CONVENIENCE, HIGH PERFORMANCE
AND FLEXIBILITY FORM THE CORE STRENGTHS
OF THE UNCOMPROMISING CLASSE L9,
A CROSSOVER IN A CLASS OF ITS OWN
THAT PROVIDES UNPARALLELED USER-FRIENDLINESS
AND SUPERLATIVE PERFORMANCE.

More reassurance

We've created a patient chair, type-approved to lift 190 kg, with a seat articulated at the knee joint to make patient access quick and easy. The natural seating position contributes to the creation of a positive, reassuring space during discussion of the patient's clinical situation.

More freedom

We've designed a more flexible dentist's module that provides a helping hand whatever the circumstances. Even where space is at a premium, compact dental unit design provides plenty of operating space and unbeatable comfort.

More effectiveness

We've created a compact unit body and an adjustable module, perfectly equipped to smooth the assistants' work. Hygiene systems feature easy access, with top loading of hydrogen peroxide on the upper side.



L9.



CLASSE L9 SIDE DELIVERY

A reassuring initial approach, a warm welcome and extraordinary comfort. Side Delivery puts patients who prefer to settle into the patient chair without seeing the instruments at their ease.



CLASSE L9 SIDE DELIVERY

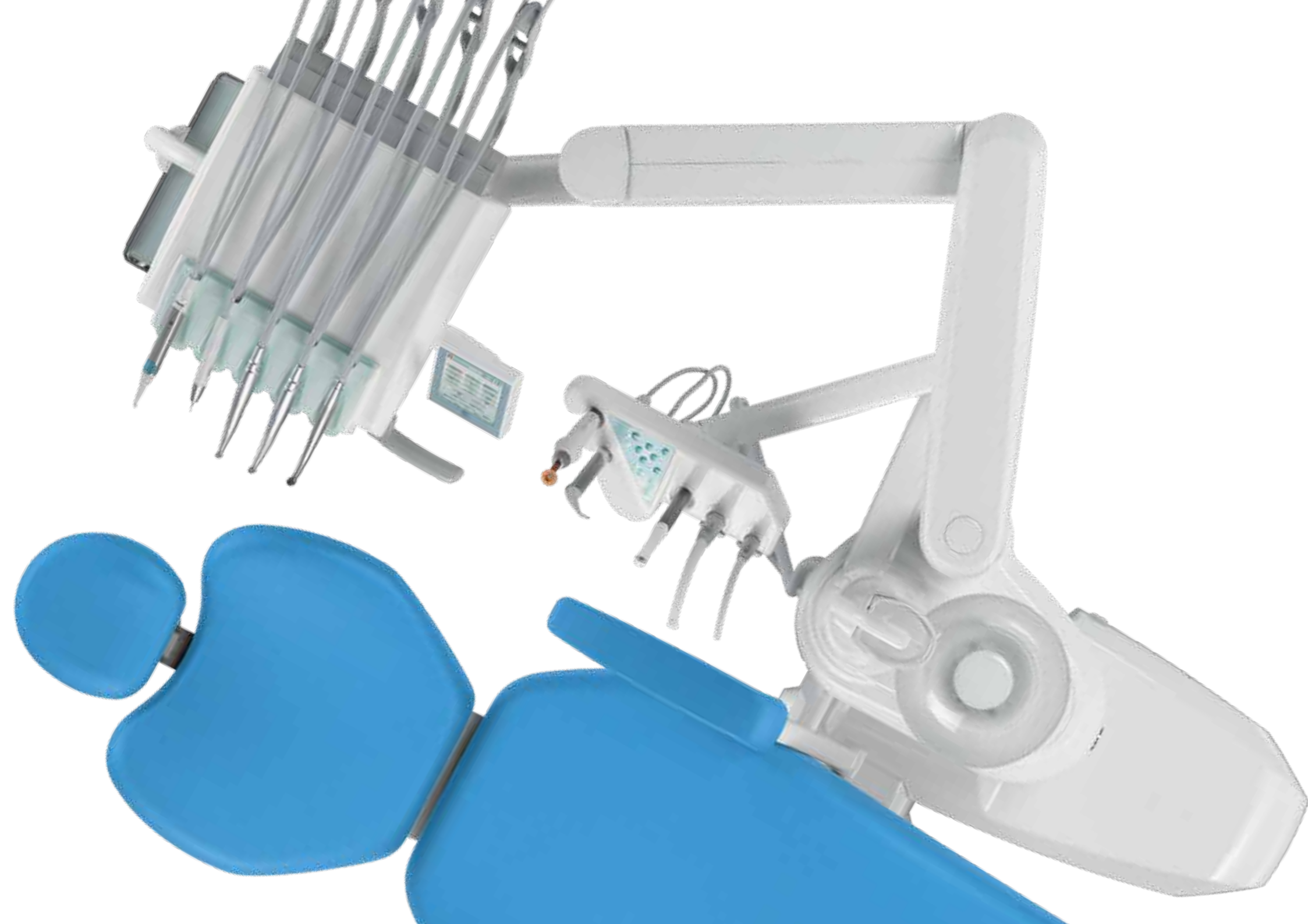
Full freedom of movement and unlimited space allow for unobstructed workflows where dentist and team can operate unhindered, confidently and professionally.

L9.



CLASSE L9 CONTINENTAL
Compactness, new ergonomics and mobility. A powered footrest and compact unit body minimise overall dimensions and maximise ergonomic potential.





CLASSE L9 CONTINENTAL
Outstanding flexibility ensures the Continental model provides absolute working freedom.
Rotation of the arm means the dentist's module can be positioned at the side of the unit body.



Easy access

The powered footrest provides patients with unobstructed access to the seat, which is positioned at an optimal height whatever their build.



Independent backrest movement

Because footrest retraction is not automatic, patients are provided with secure lower limb support at all times, even with the backrest raised.

Created for comfort

Feeling at ease is no small thing. That's why we've designed the Classe L9 as a space that focuses on the dentist-patient relationship. Dialogue, engagement and discussion of the clinical situation become simpler, more immediate and productive, creating a space that is more reassuring for both.

Anatomical padding

Correct anatomic support is provided for patients of all builds, an aspect that gains in importance during longer treatment sessions when comfort is crucial.

Comfort headrest

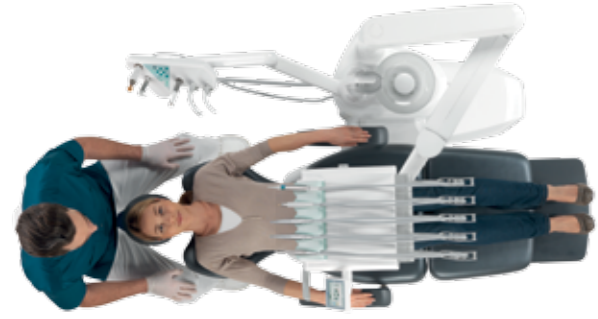
Headrest rotation faithfully follows the anatomy of the neck. The dentist can position the patient's head by releasing the pneumatic mechanism at the press of a button. Good vertical adjustment makes it suitable for even the tallest patients.

Comfort footrest

To ensure maximum patient comfort, the patient chair features a powered retractable footrest that only retracts when the lower seat section drops down.



L9.



Perfecting your professionalism

The true crossover nature really comes to the fore on the Continental model. Thanks to the swivel action of the fixed arm and the outstanding manoeuvrability of the self-balanced arm, operating comfort is now limitless. The instrument table on the Classe L9 can be positioned on either side of the patient.

Excellent arm mobility gives a layout that makes the Classe L9 Continental particularly suitable for small surgeries. Dentists working without an assistant can position all the instruments on the same side of the unit body, enhancing ergonomics and extending operating potential.

CROSSOVER
DYNAMICS



L9.



Immediate access to hygiene systems

A side opening on the unit body allows for easy hygiene system access and W.H.E. reservoir filling. To pour in the hydrogen peroxide the assistant just has to open a small hatch on the upper side.



Automatic sanitisation of suction system

Just insert the cannulae in the couplings on the outside of the unit body and start the 60-second disinfection cycle.

A question of teamwork

Experience and in-depth research have resulted in innovation, extra space and greater efficiency, maximising working practicality for the assistant. Easy access inside the unit body and innumerable ergonomic improvements designed specifically for auxiliary personnel ensure complete comfort for everyone.

Adjustable module

To ensure instruments and control panel are always within reach, the double-jointed arm can be height-adjusted and extended to provide maximum comfort.

Powered cuspidor bowl

When above the unit body in its stand-by position, the cuspidor bowl lets assistants work unhindered during treatment; nevertheless, it can be swivelled towards the patient if necessary.

Optical sensor

Inserted under the cup-and-bow-fill unit, the optical sensor that detects cup presence makes dental unit operation smarter and smoother.

Cannula roller guides

Even just a little extra comfort can make a big tiredness-reducing difference over a long day; that's why the cannula guides incorporate a roller to smooth the continuous movement of assistant-held cannulae.



L9.

Intersecting benefits

The Classe L9 incorporates a structured system of benefits that meet a vast range of needs and ensure unbeatable performance. Through in-depth dialogue with industry professionals, unrivalled technology has produced an efficient, practical crossover unit.



1. Excellent arm mobility eliminates the barriers of traditional ergonomics to ensure enhanced teamwork.

2. The latest-generation software and instrument panel provide exceptional performance with all-encompassing user-friendly control.

3. A design that adapts well to even the smallest surgeries means more room and full freedom of movement for the dental team.

4. Advanced hygiene devices and disinfection systems protect anyone coming into contact with the dental unit.

5. The powered footrest, intelligently synchronised with the backrest, gives unprecedented comfort levels.

CROSS
BENEFITS



CROSS
DEVICE

Intuitive control

Efficiency stems from control of every parameter, setting and detail. For the most part, effective diagnosis and treatment is aided by perfect integration of systems, instruments and diagnostic/communication devices.

That integration is ensured at all times, letting dentists control the entire platform via a single software solution and focus all their attention on the patient.

Immediate diagnostics

The cross-device system allows simultaneous display of intraoral and X-ray images on multiple integrated screens. A preview image appears immediately on the Full Touch display where it is possible to zoom, rotate and adjust contrast or colour. The image can then be saved directly on a connected PC or shown on the integrated 19" LED monitor as desired.

C-U2 camera

Ergonomic, with glass optics and an HD sensor, the new digital camera offers pin-sharp images and is fully integrated with the dental unit electronics. Connection to the integrated LED monitor allows transmission of magnified 'live' video images.

RXDC HyperSphere+

High frequency X-ray system with one-of-a-kind electro-mechanical positioning system.

Zen-X

Digital X-ray sensor integrated with the dental unit control software, housed on the dentist's module.



19.

Full Touch interface

Consisting entirely of a 5.7" touchscreen display, the instrument control panel provides a full array of instrument and dental unit system data, using simple icons to speed up browsing and give immediate access to parameter personalisation.

On-board computer

The Full Touch control panel features a highly powerful microprocessor and a Linux operating system for secure connectivity with external devices. An Ethernet connection also guarantees access to local networks without having to switch on an external PC.

USB port

A USB port lets users save settings, load data and update software to ensure the control system is optimised and up-to-date at all times.

Accelerometer

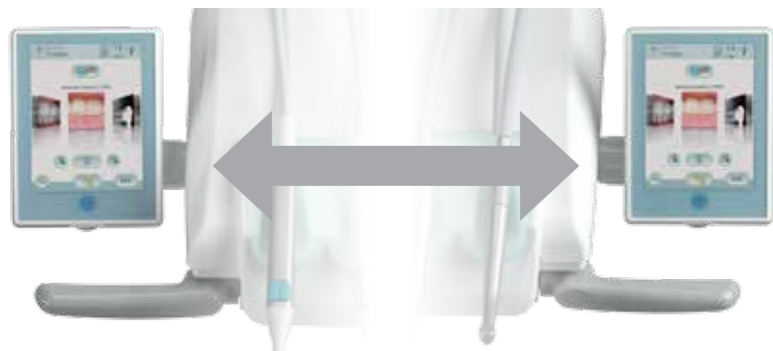
Thanks to the incorporated accelerometer, dentists can flip the instrument control panel on the Continental model 90° to switch to a horizontal display.

Re-positionable control panel

On the Continental model a quick connector allows the control panel to be shifted from one side of the dentist's module to the other.

Touchscreen display

Controls can be activated by lightly touching the relative icons on the touchscreen (even where protected with film). The only actual 'key' is used to deactivate the entire touch-sensitive zone when the glass requires disinfection. Thanks to utilisation of tempered glass, both the aspect and performance of the control panel remain unaltered over time.





Induction micromotor

The perfect implantology tool, the i-MMs micromotor is light, compact and extremely quiet. The Full Touch control panel also provides plenty of scope for personalisation in conservative, endodontics and implantology modes.



u-Pz ultrasound scalers

Indicated for supragingival prophylaxis and more invasive tasks of the periodontal type, scalers are also used for the preparation of small cavities and in endodontic root canal cleaning techniques.

Evolved integration

The Classe L9 features cutting-edge control electronics ready to incorporate all of today's Anthos instruments – and tomorrow's. The software has been developed for conservative, endodontic and oral surgery tasks and allows precise, intuitive parameter control.

Peristaltic pump

For treatment requiring aseptic conditions, the peristaltic pump installed as a supplementary application on the dentist's module is managed directly via the Full Touch control panel. This allows sterile irrigation liquids to be used during oral surgery or implant operations.

Personalised settings

Advanced software lets users save multiple setting combinations to ensure perfect planning of clinical treatment sequences.

Implantology

In implantology mode the motor can, depending on the selected contra-angle, reach a torque value of up to 70 Ncm. Seven different personalised settings can be made to help the dentist complete all the treatment stages leading to implantation.

Endodontics

In endodontics mode, the software allows automatic selection of combined torque-speed values for the file selected from the pre-loaded library. Auto-reverse and auto-forward functions can be activated via the control panel. An integrated apex locator is also available with display on the control panel screen.



L9.



Multimedia interconnectivity

Advanced image-based diagnostics is a key feature on the Classe L9. Consisting of an X-ray system with a wireless handheld device, a sensor incorporated on the dentist's module and a LED monitor, this unique solution shortens diagnosis times considerably.

RXDC HyperSphere+

With a 0.4 mm focal spot, 30 cm rectangular collimation and a system that automatically defines dosage according to the area of interest, the RXDC limits harmful x-ray exposure and provides precise results you won't have to wait for.

Zen-X

Built to last, the sensor is ergonomically shaped to aid positioning in the patient's mouth. Its three-layer technology ensures long-lasting protection of CMOS receiver quality.

19" LED Monitor

This medical monitor ensures sharp images with excellent contrast and colour intensity. LED technology reduces consumption significantly and ensures constant, longer-lasting performance. Integration on the dental unit with a double-jointed arm (optional) smoothes the workflow of dentists who choose the touchscreen option.



L9.



C-U2 camera

Right at the forefront of imaging technology, the C-U2, with glass optics and LED light diffuser, incorporates an HD 16:9 sensor that captures high definition images and displays them on the 19" LED Monitor. Classe L9 software ensures optimised image resolution whatever the circumstances. On-screen freeze-frame and video images are both of the very highest quality.

The importance of detail

Image-based communication provides several advantages: it's immediate, understandable and unequivocal. The HD camera and medical-grade monitor make illustrating the outcome of treatment or sharing clinical situations with patients and colleagues an easy, everyday task to be performed with confidence.

Efficient and versatile

The thinly shaped handpiece with metal grip allows for complete examination of the oral cavity and is particularly suitable for use in the distal zone on account of its partially retroflected angle view. Thanks to the extensive depth of field - from a minimum of 5 mm to a maximum of 70 mm - the dentist can examine the oral cavity without having to manually adjust focus.

To make the most of the outstanding performance provided by the C-U2, the handpiece incorporates an innovative backlit capacitive key. With a raised perimeter for enhanced user-friendliness, the key allows users to capture and save images that are unaffected by vibration. The 'light guide' around the handpiece indicates camera status.

Sharing the treatment plan

Opting for a dental unit assembly with a double-jointed arm lets the dentist draw the monitor closer and position it horizontally so images can be shared with the patient. This configuration also lets the dentist interact with the software to adjust images and digital X-rays. During treatment the monitor can simply be moved out of the way.





CROSSOVER
COLOURS

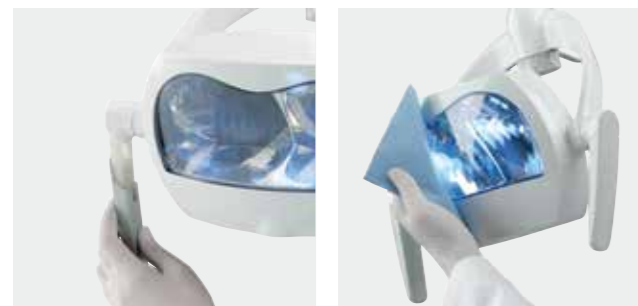
A kaleidoscope of colour

The Anthos Classe L9 can be configured with over fifty colour combinations. The patient chair offers a choice of either standard upholstery or anatomical padding for maximum patient comfort.

The unit body is available in four different colours, which can be combined with the fourteen different padding colours as desired.



L9.



Easy on the eyes

An operating light that correctly illuminates the treatment zone significantly reduces eye fatigue. Good contrast, reduced reflection and true colours ensure achievement of one of our prime goals: visual comfort.

Venus Plus - L LED

LED dual-reflector operating light.

- Colour temperature 5,000 K
- Light intensity 3,000 to 50,000 Lux with potentiometer or via infrared sensor
- Power absorption 10W
- Minimum working life 50,000 hours
- 3-axis rotation
- On-off control via infrared sensor





Power Pedal



Multi-function foot control



Pressure-operated foot control

The multi-function foot control is available in three different ergonomic designs.

- Progressive instrument activation.
- Immediate selection of sprays.
- Chip Air & Chip Water.
- Joystick-controlled patient chair movement.
- Rinse and return-to-zero position activation.
- Micromotor rotation reverse and operating light switch-on with instrument extracted.

Much more than just a foot control

Available with three different ergonomic designs, the foot control incorporates essential patient chair, operating light and dynamic instrument controls. Using the foot control enhances hygiene-related safety.

Both the multi-function and pressure-operated models are available in wireless versions. In addition to the ergonomic advantage that comes from full freedom of movement, powerful lithium ion batteries provide up to 2 months' power.

Should it be necessary, a mains lead connection point is available at the rear of the foot control, which can also be used as a battery charger.





A.C.V.S.
The automatic suction system flushing and sanitising device carries out rapid flush cycles and subsequent disinfection of the suction system interior.



Double filter
High-flow double filter with automatic, independent cannula selection. Provides enhanced single-cannula suction effectiveness.

Confidence-inspiring hygiene

As one would expect from a firm as hygiene-attentive as Anthos, patients and dental team personnel can count on a wide range of active devices and a design philosophy that eliminates cross-contamination risks at source.

Effectiveness and control

Sophisticated control electronics ensures that each active hygiene device works according to user-established criteria. To maximise effectiveness, Anthos recommends the joint use of 2 optional hygiene systems and utilisation of Peroxy Ag+(H₂O₂). The W.H.E. system carries out continuous sanitisation of dental unit tubing and provides good protection against backflow contamination of the water fed to the dental unit as per EN 1717 standards. The BIOSTER system, instead, executes intense disinfection of the water and spray circuits using automatic cycles set according to the dentist's personal preferences.

FLUSHING

The FLUSHING device, which can be incorporated in the BIOSTER system or purchased separately, executes fast, effective rinsing of tubing; the water flow can be set to last from 1 to 10 minutes.

Protection against Legionnaire's disease

Certified by the Sapienza University of Rome, the BIOSTER process with Peroxy Ag+ (H₂O₂), executed with 10-minute contact cycles, provides a high-level disinfectant action against mycobacteria, bacteria, including Legionella and is also 99.6% effective as a sporicide. Clinical trials showed that combined use of the two devices on the dental unit guarantees outstanding hygiene quality water, with the bacterial load of the water supplied to the instruments being maintained at zero at all times.





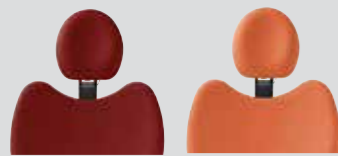
102-198*

113



106-196*

136



135-194*

115-195*



132-192*

134



103

123-193*



101-197*

137



121-199*

130

Standard upholstery colours

- 102 Atlantic blue
- 113 Pacific blue
- 106 Mediterranean blue
- 136 Indian blue
- 135 Venetian red
- 115 Scottish salmon
- 132 Blueberry violet
- 134 Japanese wisteria
- 103 Nevada yellow
- 123 Polynesian green
- 101 Caribbean green
- 137 Bright silver
- 121 Anthracite grey
- 130 Graphite black

Anatomical padding upholstery colours (*)

- 197 Caribbean green
- 198 Atlantic blue
- 196 Mediterranean blue
- 195 Scottish salmon
- 199 Anthracite grey
- 194 Venetian red
- 193 Polynesian green
- 192 Blueberry violet



For maximum effectiveness, Anthos recommends the combined use of 2 optional hygiene systems and utilisation of Peroxy Ag+ (hydrogen peroxide with silver ion enhancement).

ACTIVE HYGIENE SYSTEMS

W.H.E.



Ensures permanent disinfection of the spray and cup fill circuits via the addition of H₂O₂, exerting a bacteriostatic effect. System complies with EN 1717.

BIOSTER



Automatic device for disinfection of water and spray circuits using a 3% hydrogen peroxide solution. Contact time can be set between 5 and 30 minutes.

FLUSHING



Provides fast, effective rinsing of tubing via a water flow that can be set to last from 1 to 5 minutes.

A.C.V.S.



Automatic suction system flushing and sanitising device. Rapid wash and subsequent disinfection cycles.

S.H.S.



Independent 1.7-litre distilled water feed tank. Optional tank with a yellow stripe for manual sanitisation of tubing.

Peristaltic pump



The peristaltic pump allows utilisation of sterile irrigating liquids during oral surgery or implant operations.

O.D.R.



The anti-retraction device blocks any fluid return and thus prevents backflow contamination of spray water circuits.

PASSIVE HYGIENE

Cuspidor bowl removable and made of ceramic. Glass version available

Stainless steel tray holder, interchangeable and autoclavable

Membrane-protected controls

Removable handpiece holder and plus quick-coupling tubing for simplified instrument changeover

Instrument support mat in autoclavable silicone

Removable support

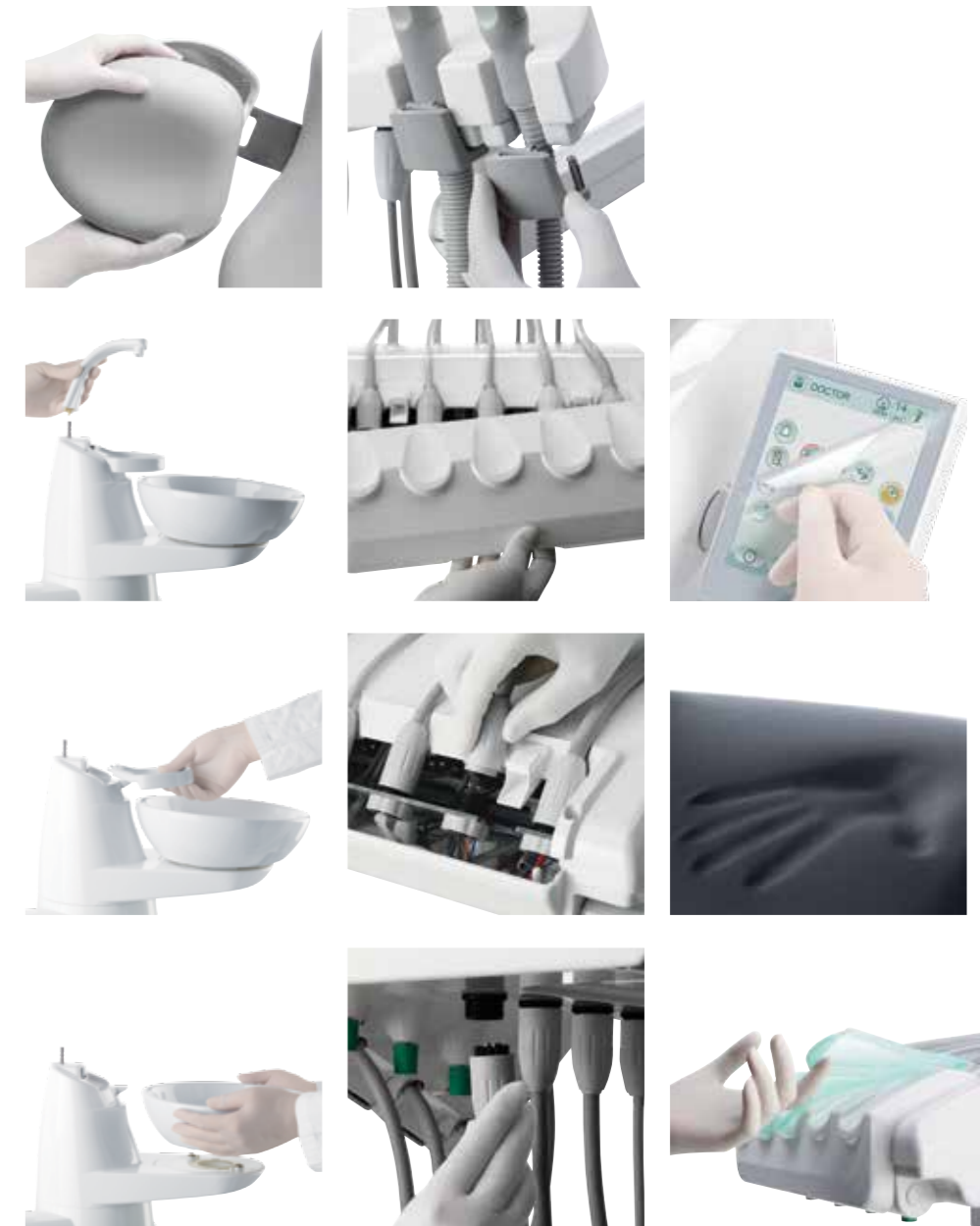
Cannula ends can be autoclaved

Operating light handles can be removed and cold disinfected or autoclaved

Seamless SKAI upholstery

Double filters with extensive filtration surface area

Anatomical padding provides proper, comfortable support for patients of all builds





Comfort headrest
Pneumatic-release version with anatomically correct freedom of movement.



Wide backrest
Wrap-around design for greater patient comfort.



Narrow backrest
Shaped to provide more space around the patient.



Venus Plus-L LED
LED operating light; up to 50,000 Lux.

S9 ergonomic stool
Ensures optimal working posture thanks to extensive height, tilt and lumbar support adjustment.



Conventional stools
Adjustable dentist's stool. Adjustable assistant's stool with backrest/armrest tilt.



INTEGRATED INSTRUMENTS AND ACCESSORIES

i-MMs



A single micromotor with LED lighting suitable for any type of use, from conservative dentistry to oral surgery

u-PZ ultrasound scalers



Scalers suitable for supragingival prophylaxis and more invasive periodontic tasks.

6F/6F-L Syringe



6-function syringe for air, water, mixed spray with and without heating and version with LED lighting.

T-LED curing light



Exclusive patented instrument featuring programmes and accessories for every possible need. Can be incorporated as 6th instrument on the dentist's module.

Stop Vacuum



Exerting pressure on the base of the patient chair during treatment causes temporary interruption of suction.



Power Pedal
Available with connection wiring only.



Pressure-operated foot control
Available with or without connection wiring.



Multi-function foot control
Available with or without connection wiring.

MULTIMEDIA AND X-RAY DEVICES

RXDC HyperSphere+



High-frequency X-ray unit incorporated in the dental unit; features a wireless control unit and a 'spherical coupling' positioning system.

Zen-X



CMOS X-ray sensor integrated with the dentist's module, fully controlled by the dental unit multimedia software.

C-U2 camera



Digital high definition camera integrated with the dental unit software, with freeze-frame function.

19" LED Monitor



The touchscreen version requires external support from a PC via a USB cable connection.