

RELIABLE

FREE

VERSATILE

ERGONOMICS

SELECTION

CONFIDENCE

PRACTICAL

RANGE

DURABILITY

TAILORED

NATURAL

HYGIENE



CLASSE A5



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03/2017 ACL5GB171500  
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CLASSE A5



**A5.**

MORE THAN VERSATILE



"I'VE CHOSEN ANTHOS.  
TAILOR-MADE TO SUIT MY WAY OF WORKING."

CLASSE A5 

Today, the configuration range on the Classe A5 is wider than ever. Ergonomics to suit every operating style, integrated Anthos brand instruments, an extensive choice of foot controls and operating lights, various hygiene systems, options and colour schemes: versatility in every sense of the word. Free to configure the Classe A5 as they see fit, dentists can adapt it to suit their specific needs, thus creating a valuable tool that provides the practicality, performance and reliability that is so essential to their profession.

**A5.** 





Classe A5 Continental



Classe A5 Chair with cuspidor



Classe A5 Continental Short Arm

## ADAPTABILITY THROUGH COMPACTNESS

Compactness and flexibility are the key features of Classe A5. On Continental versions the dentist's workflow through the 9 to 1 o'clock arc is smooth and effortless. The optional pneumatic brake, used to lock and release the dentist's module arm, adds further practicality to this model, just as it does on the International model. Scaled down in size, the unit body incorporates a cuspidor bowl that rotates outside the operating area to be stationed above the structure itself. On the chair with cuspidor version this helps reduce overall dimensions even further. The cuspidor bowl is made of ceramic and can be provided with powered driving as an option. On the chair with cuspidor model the assistant's side features five instrument holders, one of which is for a dynamic instrument or a camera. Today, the standard version of the Classe A5 Continental has an arm just 50 cm long. This solution provides excellent dentist's module manoeuvrability in surgeries both large and small.



Single Cart



Classe A5 Cart



Classe A5 International

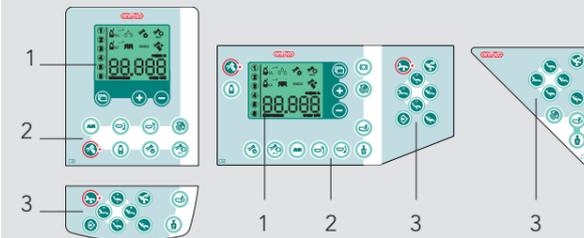
## FREEDOM THROUGH ERGONOMICS

Through outstanding versatility, Classe A5 embodies all the excellent ergonomics that customers expect from Anthos solutions. The smoothly manageable International and Cart models provide extensive freedom of movement, especially on Cart versions. An assistant's module, fitted on a single or double arm, is available on both these and the Continental models. The Single Cart version has been designed for dentists looking for maximum mobility. Height-adjustable, the dentist's module can incorporate the curing light as a sixth instrument. All instruments on the Classe A5 International and Cart are arranged ergonomically and can be slotted back into the angled handpiece holder with ease. The large tray holder module and the mobility of the pantograph arm streamline the dentist's work and simplify interaction with the assistant.

TOTAL CONTROL IS A MUST FOR TREATING PATIENTS CALMLY AND PROFESSIONALLY AS IT ENSURES THE DENTAL TEAM IS FULLY FOCUSED ON THE PATIENT. THE AVAILABILITY OF SIMPLE, USER-FRIENDLY CONTROLS AND UNAMBIGUOUS INFORMATION MEANS TREATMENT IS NEVER CARRIED OUT UNDER CONDITIONS THAT ARE ANYTHING LESS THAN OPTIMAL. WITH CLASSE A5 THE DENTIST HAS EVERYTHING UNDER CONSTANT CONTROL.

The new LCD display illustrates instrument speed in an extremely clear, easy-to-read way. Several luminous icons provide information on dental unit/instrument operation and messages related to hygiene systems are also shown.

An ergonomically shaped instrument control panel on Continental models separates the near-horizontal patient chair control zone from the main function keys beneath the display.



- 1 LCD display
- 2 Direct service keys and main functions
- 3 Patient chair controls

**Stop Vacuum** The dentist can interrupt and reactivate suction, without having to return the cannulae to the holder, simply by pressing on the patient chair base.

All-round advantages are also provided by an intelligent multi-function foot control that operates numerous dental unit functions. From a working comfort standpoint, the 3 different ergonomic designs incorporate controls for the patient chair, operating light and dynamic instruments; the use of a foot control also has evident advantages from a hygiene viewpoint.

- Progressive instrument activation
- Immediate spray selection
- Chip Air & Chip Water
- Joystick-controlled patient chair movements
- Rinse and home position activation.



**Assistant's Module**

Available in three different versions, the assistant's module arm may be of either the single or double type. Maximum working comfort is provided by the double type with vertical adjustment. To ensure strength and stability, the load-bearing section is made of cast aluminium.

CLEAR AND CONTROLLED

A5.

ALL INSTRUMENTS ARE PERFECTLY INTEGRATED WITH DENTAL UNIT ELECTRONICS, A FACTOR WHICH ENHANCES BOTH THEIR PERFORMANCE AND RELIABILITY AS A WHOLE. THIS ALSO EXTENDS THE PERFORMANCE RANGE AVAILABLE TO THE DENTIST, PROVIDING HIM WITH A SET OF TOOLS DEVELOPED TO MEET A WIDE RANGE OF CLINICAL REQUIREMENTS.



**Brushless micromotor** The i-MMR belongs to the latest generation of induction micromotors with a speed adjustment range of 100 to 40,000 rpm range. Silent, light and extremely compact, it delivers a maximum torque of 3,3 Ncm, unrivalled performance in its category. This instrument is suitable for conservative and prosthetic dentistry.

**Ultrasound scalers** Scalers are suitable for supragingival prophylaxis and more invasive periodontic tasks. They are also highly valid for the preparation of small cavities and in endodontic root canal cleaning techniques.

Scalers and micromotor are both available in versions with and without LED lighting.

**3- and 6-function syringe** The new Anthos syringe is available in two models with immediate heating system in the 6F version. On the Continental module, the syringe is straight-shaped, while on the International and assistant's modules the tip is angled. Both the grip and the tip can be removed for autoclave sterilisation.



With Classe A5 it is possible to incorporate a sixth instrument on the dentist's module of the Continental, International and Cart models. The dentist can choose between the intraoral camera (except on the Cart version) and the T-LED curing light. Note also that on the Classe A5 International it is also possible to add a large transthoracic tray holder module and an X-ray viewer for panoramic images.

**T-LED** Patented curing light that ensures excellent results over the entire composite with homogeneous light distribution via fibre optics. Six different curing programmes are available, of which 3 feature gradual start and one is dedicated to bonding tasks. Thanks to a comfortable swivel grip with 2 working positions, the dentist can always rely on outstanding ergonomics.

ANTHOS INSTRUMENTS  
FOR ALL YOUR NEEDS

A5.

A DESIGN THAT FOCUSES ON PASSIVE HYGIENE MINIMISES ANY CROSS-CONTAMINATION WITHIN THE SURGERY. RISKS HAVE ALSO BEEN CONSIDERABLY REDUCED BY TRANSFERRING ESSENTIAL FUNCTIONS TO THE FOOT CONTROL. KNOWING YOU CAN COUNT ON AN ACTIVE HYGIENE SYSTEM THAT PROTECTS PATIENTS, PERSONNEL AND THE WORKPLACE MEANS WORKING IN COMPLETE TRANQUILLITY. CLASSE A5 CAN BE CONFIGURED WITH OPTIONAL INCORPORATED HYGIENE DEVICES, CONTROLLED BY THE DENTAL UNIT ELECTRONICS, FOR HIGHLY EFFICIENT ACTIVE PROTECTION.



W.H.E. is a certified continuous disinfection system that also prevents backflow contamination of the dental unit water supply. The assistant can easily fill the peroxide tank for the W.H.E. hygiene system via a special port on the upper side of the unit body.

BIOSTER S, a semi-automatic device that disinfects the water spray circuits, is available on Classe A5. By withdrawing a disinfectant liquid from the independent feed tank, the system carries out disinfection of all the circuits simultaneously. During the process, the instruments must be arranged in the container located above the cuspidor bowl.

The **Flushing** function provides fast, effective rinsing of tubing via a water flow, a task that should be carried out at the start of each working day and especially if the machine has been idle for an extended period. Flushing takes just 2 minutes and can be started via the key on the dentist's module.

With this function it is possible to carry out **rapid flush cycles and subsequent disinfection of the suction system interior**. Just attach the cannulae hoses to the connectors on the unit body and start the automatic sanitising device via the instrument control panel.

Thanks to the extensive surface area of the new suction system **double filter**, emptying is required less frequently. The filter is removed vertically to prevent any loss of content prior to disposal.

To ensure maximum effectiveness, Anthos recommends the joint use of the optional hygiene systems and utilisation of **Peroxy Ag+** (hydrogen peroxide with silver ion enhancement).



Upholstery, instrument holders, cannula guides, cuspidor bowl and cup-and-bowl-fill unit can all be removed for in-depth hygienisation.

Removable handpiece holder and quick coupling instrument tubing for simplified instrument changeover.

ACTIVE AND PASSIVE PROTECTION TO SAFEGUARD PATIENT AND PERSONNEL

A5.



THE COMFORT CONCEPT STARTS WITH THE PATIENT CHAIR. SPECIALLY SHAPED TO AVOID ANY OBSTRUCTION IN THE OPERATING ZONE AND SURROUNDED BY EASY-TO-PERSONALISE FEATURES THAT ENHANCE THE DENTIST'S WORKING COMFORT, THE CHAIR ACCOMMODATES THE PATIENT SNUGLY AND FEATURES BOTH SYNCHRONISED MOVEMENTS AND THE TRENDELENBURG POSITION. MOREOVER, IT IS CERTIFIED TO LIFT UP TO 190 KG.

**VENUS PLUS**, high-performance operating light with three-axis rotation and potentiometer-controlled brightness.

- Colour temperature: 4,900 K
- Light intensity from 8,000 to 35,000 Lux

**VENUS PLUS – L LED**, the dual-reflector LED operating light, combines ergonomics with LED power to provide balanced, intelligent lighting of the operating zone. Consumes up to 10 times less than a traditional light and has a guaranteed working life of over 50,000 hours.

- Colour temperature 5,000 K
- Light intensity from 3,000 to 50,000 Lux
- Absorbed power 10W

**VENUS**, operating light with 2-axis rotation.

- Colour temperature: 4,900 K
- Light intensity: 8,000 / 22,500 Lux



In addition to the Standard mechanically-moved Headrest, dentists can also choose the Comfort Headrest with orbital movement and pneumatic release, which accurately accompanies the patient's head into the perfect treatment position. This pneumatic device makes both orbital movements and vertical adjustment of the headrest much easier.



To move the dentist's module effortlessly and block it at just the right height, whatever the weight of the material on the tray-holder, the pneumatic brake with handle button is an option that provides outstanding convenience on Classe A5.



There is also the choice of a wide, comfortable backrest or a more compact version that increases the availability of space around the patient.

Patient comfort is maximised by anatomically shaped padding that provides optimal support, especially welcome during long treatment sessions.



ENHANCED COMFORT WITH EVERY CHOICE

A5.





**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

**ACTIVE HYGIENE SYSTEMS**

**W.H.E.**



**Water Hygienisation Equipment**

Automatic system that ensures permanent disinfection of the spray and cup fill circuits via the addition of H<sub>2</sub>O<sub>2</sub>, exerting a bacteriostatic effect. The system has an EN 1717-compliant Type A inlet air gap separation device to prevent contamination of mains water.

**BIOSTER S**



Semi-automatic device which carries out disinfection of all spray water circuits simultaneously via the Flushing function fed by the external tank.

**FLUSHING**



The Flushing function is activated from the dentist's module and provides fast, effective rinsing of tubing via a water flow which takes just 2 minutes.

**S.H.S. / S**



**Distilled water tank**  
The independent feed tank can hold 1.7 litres and is incorporated on the unit body.

**A.C.V.S.**



**Suction system flushing and sanitation**  
The automatic suction system flushing-sanitising device carries out rapid flush cycles and subsequent disinfection of the suction system interior.

**O.D.R.**



**Anti-retraction device**  
The O.D.R. anti-retraction device blocks any fluid return and thus prevents backflow contamination of spray water circuits.

**PASSIVE HYGIENE**

Fully removable front cover on instrument module

Autoclavable silicon instrument support mat

Interchangeable-autoclavable stainless steel tray holder module

Cup and bowl fill unit is removable to aid disinfection

Removable ceramic cuspidor bowl. Glass version available

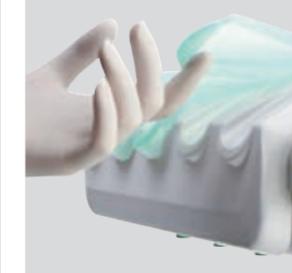
Membrane-protected touch keys

Removable cannula guides

Cannula ends can be autoclaved

Seamless SKAI upholstery

Operating light handles can be removed and cold disinfected or autoclaved





#### Conventional stools

Adjustable dentist's stool: seat height, backrest tilt. Height-adjustable assistant's stool with fold-down backrest/armrest. Extension kit and footrest ring available as optionals.



#### Ergonomic S9 stool

The ergonomic Anthos S9 stool is suitable for people of different builds and can be used by both dentist and assistant. Users can carry out wide-ranging adjustment of height, seat tilt, vertical/horizontal positioning and even the tilt angle of the lumbar support, ensuring optimal stool set-up for everyone.



## INTEGRATED INSTRUMENTS AND ACCESSORIES

#### Anthos micromotors



High performance induction micromotors, versatile and at the top of their category, smoothly integrated with dental unit electronics and with full memory-function control.

#### u-PZ ultrasound scalers



Scalers suitable for supragingival prophylaxis and more invasive periodontic tasks. Thanks to the advanced control electronics, they are also used for the preparation of small cavities and in endodontic root canal cleaning techniques.

#### 3F/6F Syringe



3- or 6-function syringe for air, water, mixed spray with and without heating, available for Continental in straight-shaped version, on International and Cart with angled tip.

#### T-LED Curing light



Exclusive patented instrument featuring programmes and accessories for every possible need. Light and articulated, 180° rotation allows use in both direct and 'gun' modes.



#### Swivel tray holder

It is possible to replace the cuspidor bowl with a swivel tray holder, located on the front cover of the unit body.

## MULTIMEDIA AND X-RAY DEVICES

#### 22" LED Monitor CE 93/42

- IPS panel for wide viewing angle
  - Optional multi-touch screen
  - Full HD, resolution 1920 x 1080 pixel
- The touch-screen version of the monitor requires external support from a PC via a USB cable connection.



#### Zen-X



X-ray sensor incorporated on the dentist's module, fully controlled by the dental unit's multimedia software. Precision diagnostics at the touch of a key and outstanding comfort thanks to specially designed shaping that adapts to the oral cavity effortlessly. Equipped with USB connection and IP67 certified.

#### C-U2 Intraoral HD camera



Digital video camera with glass optics, LED light diffuser and high definition 16:9 sensor that captures clinical images without manual focusing. It incorporates a capacitive key lets users capture freeze-frames that are unaffected by vibration.

