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**QS LEA 185 V1** 

# Delighted to know you!

Ancar was founded in 1958 by Mr. Antoni Carles Pujol. The company's history started in a small workshop in Vilassar de Mar, Barcelona. The company now has its own production plant, with 70 expert employees who do everything in their power to manufacture the highest quality dental chairs.

We are known for using aluminium as the mainstay of our dental units and for guaranteeing customer satisfaction with our chairs over many years of useful life. Thanks to combining our experience in the production of high-quality aluminium products with the necessary ergonomics and technology, we can ensure that your unit will last for decades. The technicians at our distributors can vouch that our treatment units require minimum maintenance. In our sector, a good unit should need few or no repairs at all.

We excel in designing ergonomic, technological and durable dental treatment units and our aim is to build constructive and long-lasting relationships with our clients. We offer a wide range of products of the highest quality, backed by a team defined by their cordial nature and dedication to service.

Best regards, Antoni Carles Bosch CEO



Antoni Carles Bosch

### **About Ancar**

Ancar has been producing specialised chairs for more than 60 years and over 30 years focused on the dental sector. We have become a significant reference within the sector over this period of time. In recent years, we have made the most of our experience to grow and construct an increasingly robust identity.

This effort has entailed changes at all company levels to continue developing our brand. The new S line is the result of this entire process and all the work involved. We are initiating a new stage in the company's evolution.



## **Our production**

Ancar is well-known for its manufacturing excellence and the quality of its materials. All our treatment units are made from an anti-corrosion aluminium alloy smelted at a local aluminium foundry that ensures that our dental units will last for many years. The units do not crack or lose their shine. Shiny, resistant and reliable dental units that demonstrate our quality and craftsmanship, transferred to your dental clinic.

The quality and durability of the aluminium are reliable in the most extreme surroundings, where resistance, safety and durability are essential. The units are evidently resistant to corrosion, which keeps their structure intact and increases their useful life. Moreover, the material is light and does not crack or lose its colour with the passage of time. In 10 years' time, your unit will be as shiny and lustrous as on day one.





## Introducing the S Line

Discover the new S LINE product range by Ancar and how a dental unit can simplify your day-to-day work.

A modern, elegant and ergonomic dental unit, made entirely of aluminium, that will facilitate your day-to-day work and last for decades. The unit is equipped with an Android tablet that is unique on the market. It can be used to automate each treatment stage and make your work that much easier.

All Ancar dental units can be equipped with numerous options, such as types of trays, headrests, upholstery and colours, hygiene components such as amalgam separators, instrument disinfection systems and suction hoses, various operating lamps, etc. Ask your dealer for more information about the available options.



#### **Some of its many features:**

#### **ERGONOMICS AND COMFORT**

- Adjustable and removable instrument tray that can be sterilized if used with hanging hoses or a cart.
- Instrument hoses with 3D movement (back and forth and left to right) for the whip arm system.
- · Wireless pedal included.
- The spittoon can rotate 70° for better patient access from both sides.
- Height-adjustable auxiliary arm with capacitive keypad.
- Ergonomic handles on the instrument tray to improve handling.
- Optional placement of the spittoon on the left side of the chair for left-handed users (only for S3 units).
- Optional fastening of the suction hose arm to the back of the chair to make it accessible for both right and left handed users (only for S3 units with a standard patient chair).
- Easy-to-adjust dental cart.

#### **HYGIENE**

- The spittoon, tap and cup holder can be removed and sterilized.
- Standard removable and thermo-disinfectable suction hoses.
- Designed for easy cleaning and disinfection.
- Removable silicone mat for the instrument tray that can be sterilized.

#### **TECHNOLOGY**

- Chair movements operated by the control pedal or the keypad (main and auxiliary).
- Lamp brightness can be adjusted from the screen.
- Includes the Touch Expert Pro touch screen.



## **Touch expert PRO™**

A tablet to guide you through each treatment.

An interface as easy to use as your smartphone.

The new TOUCH EXPERT PRO is an ANDROID-based tablet that facilitates your day-to-day work. A single page is not enough to describe all the features in the tablet, but some of its advantages are listed below:

Tiltable, 7" colour multi-touch screen that is easy to use and provided with IPS technology.

Unlimited number of user profiles, each with their own setup.

Clinical name, date and time and optional inclusion of the clinic's logo on each screen.

Load X-rays and photos and see images, videos and unit manuals.

Program the working parameters of the ultrasound in ENDO, PERIO or SCALER, as well as the operating range and light intensity of the instruments. Adjust the working parameters of the micromotor (with ENDO functions): torque control in Ncm, direct or reverse rotation, irrigation mode (spray/water/air), type of counterangle and two speeds (200 at 40,000 rpm and 100 at 4,000 rpm).



Discover how the Touch Expert Pro makes your day-to-day work easier and ask your nearest Ancar dealer for a demonstration. Find your dealer at www.ancar-s.com.



#### Set up your ideal treatment unit

The S3 includes all the technological and ergonomic advantages described above and is the most compact and versatile option in the new S Line.

Since the hydric box is not attached to the chair, but mounted on the floor, the range of S3 products can be installed by both right-handed and left-handed users.

You can choose the most suitable instrument delivery system: W (pole system), H (hanging hoses) or C (dental cart). This flexible system offers numerous working solutions for any professional dentist.

The units of the S3 product range can also be equipped with a standard chair or reclinable leg rest, depending on your needs and the comfort to be provided.





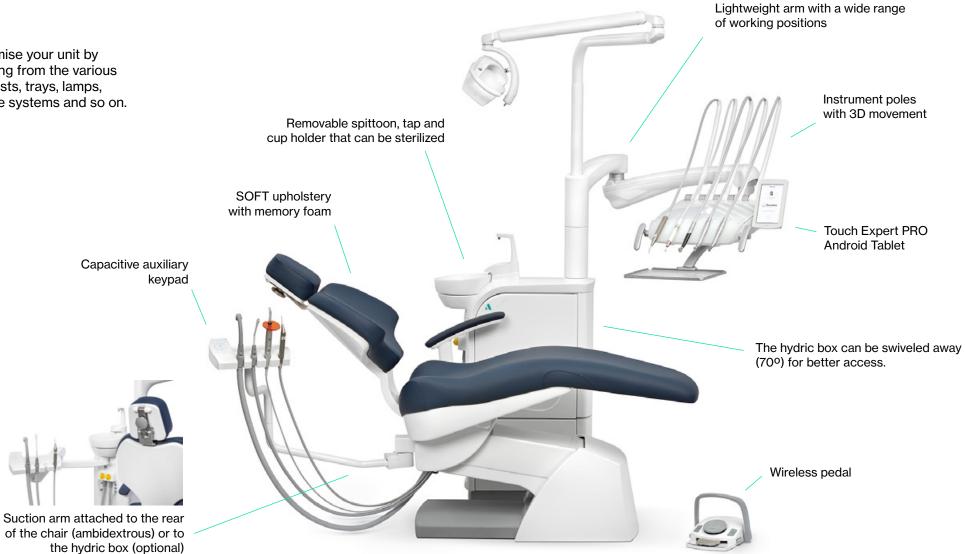
S3 range treatment units are modern, elegant and ergonomic, made entirely of aluminium, that will facilitate your day-to-day work and last for decades. The unit is equipped with an Android tablet that is unique on the market. It can be used to automate each treatment stage and make your work that much easier.

All S3 range treatment units can be equipped with numerous options, such as types of trays, headrests, upholstery and colours, hygiene components such as amalgam separators, instrument disinfection systems and suction hoses, various operating lamps, etc. Ask your dealer for more information about the available options.



### Standard chair and whip arm system

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- Long instrument hoses with 3D movement (left to right and vice versa)
- Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- · Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling
- Automatic selection of suction hoses
- Optional placement of the spittoon on the left side of the chair for left-handed users
- Optional fastening of the suction hose arm to the back of the chair to make it accessible for both right and left handed users (indicate in order)

#### Hygiene

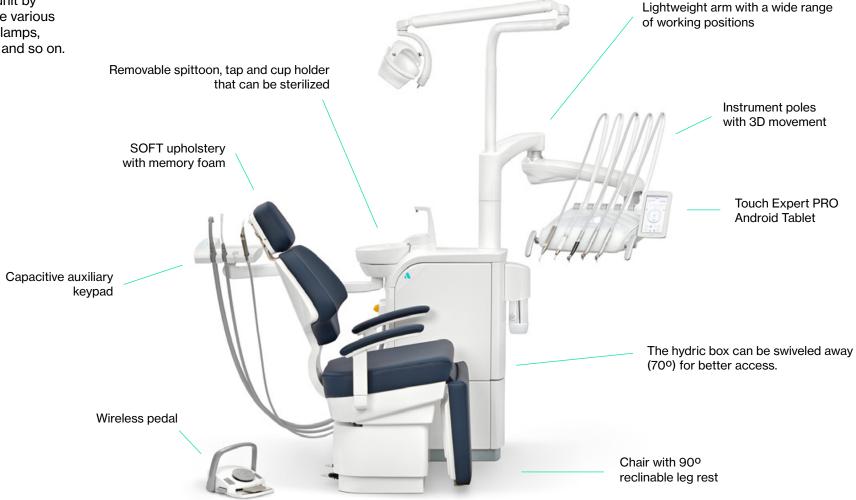
- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Reclinable chair with folding footrest at 90° and whip arm system

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Long instrument hoses with 3D movement (left to right and vice versa)
- · Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling
- Automatic selection of suction hoses
- Optional placement of the spittoon on the left side of the chair for left-handed users

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Standard chair and hanging hoses

Removable spittoon, tap and cup Customise your unit by holder that can be sterilized choosing from the various headrests, trays, lamps, The hydric box can be swiveled away hygiene systems and so on. (70°) for better access. Suction arm attached to the rear Lightweight arm with a wide range of the chair (ambidextrous) or of working positions to the hydric box (optional) Capacitive auxiliary keypad Touch Expert PRO **Android Tablet** SOFT upholstery with memory foam Adjustable, removable and thermo-disinfectable instrument supports Wireless pedal



- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- Height-adjustable auxiliary arm with capacitive keypad
- · Very gentle instrument tray arm movement
- Ergonomic handles for improved handling
- Optional placement of the spittoon on the left side of the chair for left-handed users (indicate in order)
- Optional fastening of the suction hose arm to the back of the chair to make it accessible for both right and left handed users (indicate in order)

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Reclinable chair with 90° folding footrest and hanging hoses

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- · Height-adjustable auxiliary arm with capacitive keypad
- Very gentle instrument tray arm movement
- · Ergonomic handles for improved handling
- Optional placement of the spittoon on the left side of the chair for left-handed users
- Optional fastening of the suction hose arm to the back of the chair to make it accessible for both right and left handed users (indicate in order)

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- · Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen

# **S**<sup>30</sup>

### Standard chair and dental cart

Removable spittoon, tap and cup holder that can be sterilized Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on. Suction arm attached to the rear of the chair (ambidextrous) or to The hydric box can be swiveled away the hydric box (optional) (70°) for better access. Capacitive auxiliary keypad Touch Expert PRO Android Tablet Height-adjustable cart SOFT upholstery with memory foam Adjustable, removable and thermo-disinfectable instrument supports Wireless pedal



- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- · Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling
- Optional placement of the spittoon on the left side of the chair for left-handed users (indicate in order)
- Optional fastening of the suction hose arm to the back of the chair to make it accessible for both right and left handed users (indicate in order)
- · Easily height-adjusted cart

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Reclinable chair with folding footrest at 90° and dental cart

Customise your unit by choosing from the various headrests, trays, lamps, Removable spittoon, tap and cup holder hygiene systems and so on. that can be sterilized The hydric box can be swiveled away SOFT upholstery (70°) for better access. with memory foam Touch Expert PRO Android Tablet Capacitive auxiliary keypad Height-adjustable cart Chair with 90° reclinable leg rest Adjustable, removable and thermo-disinfectable instrument supports Wireless pedal



- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- The spittoon can rotate 70° for better patient access from both sides
- Height-adjustable auxiliary arm with capacitive keypad
- Easily height-adjusted cart
- Ergonomic handles for improved handling
- Optional placement of the spittoon on the left side of the chair for left-handed users (indicate in order)

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



#### Set up your ideal treatment unit

The S5 is the most complete product range and offers the most comfort to users. It is provided with a hydric box mounted on the floor, from which the patient's chair "hangs". Therefore, the space under the chair is completely unoccupied, so it can be used to place the pedal where most suitable, for flexible working positions and room for the legs.

The option of choosing a standard chair or one with a reclinable leg rest is the icing on the cake. The chair with the reclinable leg rest or reclinable chair provides ideal patient comfort and improves dentist-patient communication. It is the best option for taking photographs, especially from the front, without middle line interference. The unit has a rotary spittoon and can be set up with any of the 3 instrument delivery systems: W (pole system), H (hanging hoses) or C (dental cart).





S5 range treatment units are modern, elegant and ergonomic, made entirely of aluminium, that will facilitate your day-to-day work and last for decades. The unit is equipped with an Android tablet that is unique on the market. It can be used to automate each treatment stage and thereby make your work that much easier.

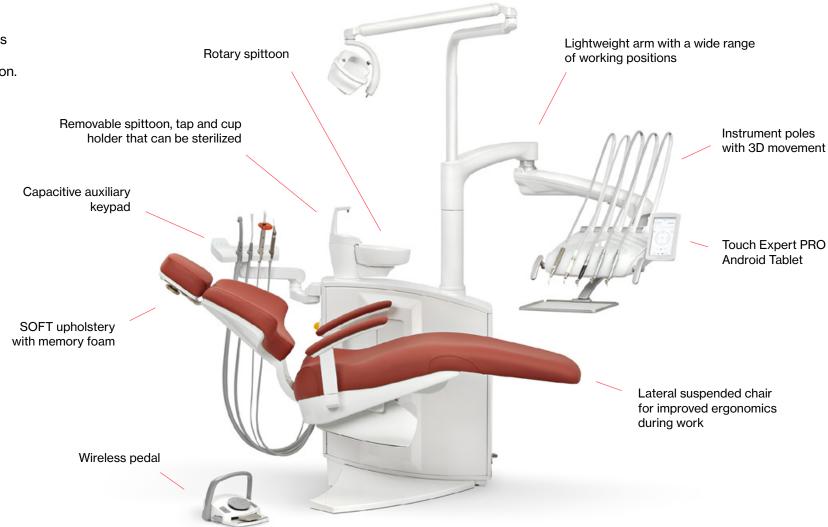
All S5 range treatment units can be equipped with numerous options, such as types of trays, headrests, upholstery and colours, hygiene components such as amalgam separators, instrument disinfection systems and suction hoses, various operating lamps, etc. Ask your dealer for more information about the available options.



# Standard suspended chair and whip arm system

(chair suspended from the hydric box with nothing underneath)

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- Long instrument hoses with 3D movement (left to right and vice versa)
- · Wireless pedal included
- · Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- · Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.

# Standard suspended chair with folding footrest at 90° and whip arm system

(chair suspended from the hydric box with nothing underneath)





- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Long instrument hoses with 3D movement (left to right and vice versa)
- · Wireless pedal included
- Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling

#### Hygiene

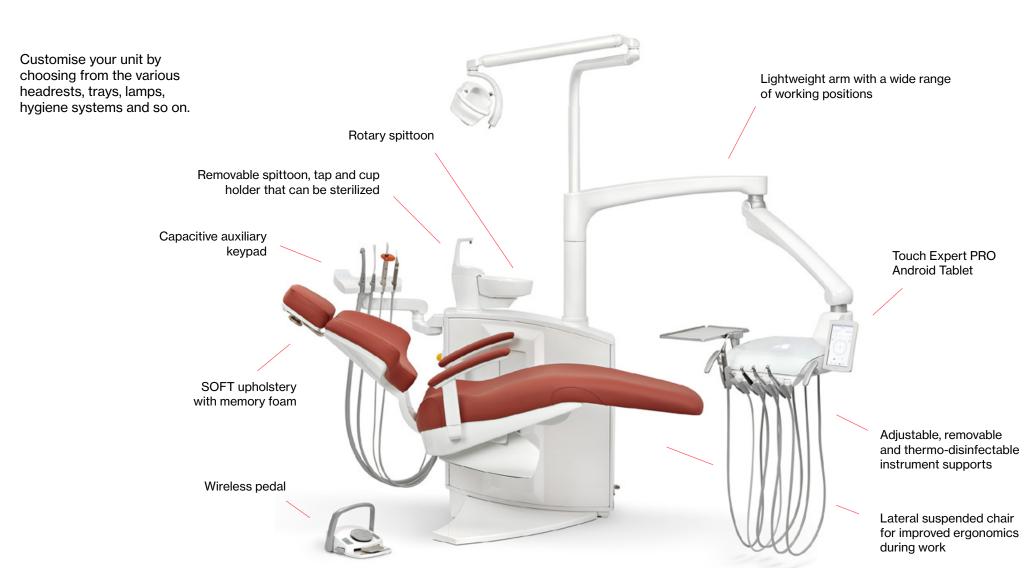
- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Standard suspended chair and hanging hoses

(chair suspended from the hydric box with nothing underneath)





- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- Height-adjustable auxiliary arm with capacitive keypad
- Very gentle instrument tray arm movement
- Ergonomic handles for improved handling

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

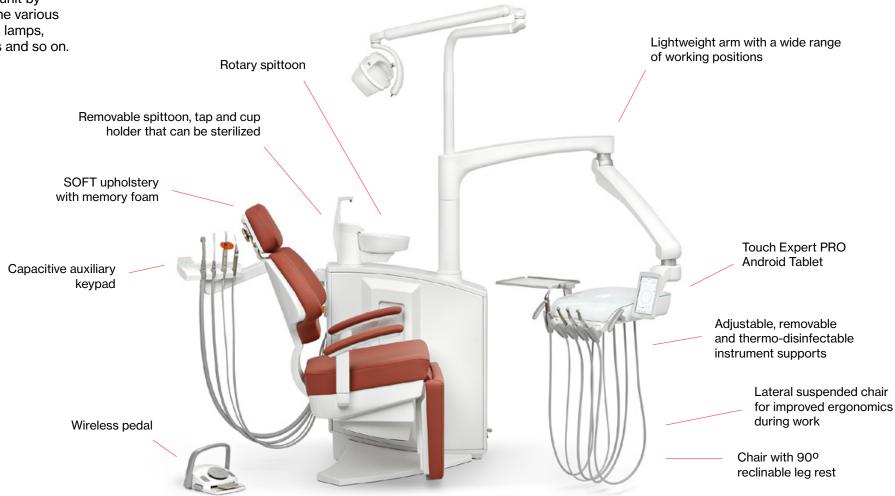
- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Standard suspended chair with folding footrest at 90° and hanging hoses

(chair suspended from the hydric box with nothing underneath)

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- Height-adjustable auxiliary arm with capacitive keypad
- Very gentle instrument tray arm movement
- Ergonomic handles for improved handling

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



## Standard suspended chair and dental cart

(chair suspended from the hydric box with nothing underneath)

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- Adjustable and removable instrument holders that can be sterilized
- Wireless pedal included
- · Height-adjustable auxiliary arm with capacitive keypad
- Ergonomic handles for improved handling
- Easily height-adjusted cart

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen



# Standard suspended chair with folding footrest at 90° and dental cart

(chair suspended from the hydric box with nothing underneath)

Customise your unit by choosing from the various headrests, trays, lamps, hygiene systems and so on.





- The reclinable chair with adjustable footrest makes it easier for patients to climb in and out of the chair
- Ideal for small rooms, since the chair does not take up much space once the footrest is folded up
- Ideal for photos taken from the front, since there is plenty of space in front of the patient
- Better middle line vision
- Adjustable and removable instrument holders that can be sterilized
- · Wireless pedal included
- Height-adjustable auxiliary arm with capacitive keypad
- · Easily height-adjusted cart
- Ergonomic handles for improved handling
- Optional placement of the spittoon on the left side of the chair for left-handed users (indicate in order)

#### Hygiene

- The spittoon, tap and cup holder can be removed and sterilized
- Removable and thermo-disinfectable suction hoses
- Designed for easy cleaning and disinfection
- Removable silicone mat for the instrument tray that can be sterilized

- Chair movements managed by the pedal or keypad (main and auxiliary)
- Lamp brightness adjusted from the screen
- Includes Touch Expert Pro touch screen

# Amalgam disinfection and recovery systems

#### Instrument hose disinfection



#### **WEK**

- Water decontamination for instrument hoses.
- Combined and automatic decontamination cycles of water circuits in rotary instruments.
- Non-toxic, continuous and effective decontaminating effect.
- Automatic supervision of sterilized dosing.

#### **Suction hose disinfection**



**H1** 

- H1 system for continuous cleaning and complete disinfection of the suction system.
- Does not require additional manual disinfection.
- The H1 includes the automatic suction hose selection system.

### New self-service water system



### «SELF-WATER SYSTEM» BOTTLE KIT

- Independent water supply system for the equipment instruments.
- The equipment water circuit has been designed so the water cannot return due to loss of pressure. This prevents water used for different purposes from getting mixed together, thereby impeding cross contamination with the water from the public water supply and vice versa.
- This system guarantees compliance with standard EN1717.

#### **Amalgam recovery**





TYPE-1

CAS-1

 Systems to recover amalgam and separate conduits for air and water with a selection valve for dry or wet suction.

## **LED lamps**

The new generation of high-performance LED lamps have quite a few advantages.

LED lights generate natural light that improves the clarity provided by halogen light, a wider field of vision, fewer shadows during treatment and whiter cold light.

LED lights have a longer service life than halogen bulbs, generate minimal heat and consume very little energy.







TECHNICAL CHARACTERISTICS	FARO EVA	FARO MAIA	G.COMM POLARIS
LIGHT SOURCE	2 LED	2 LED	10 LED
COLOUR TEMPERATURE (°K)	between 2,700 K and 5,700 K	5,000 K	between 4,200 K and 5,800 K
BRIGHTNESS (LUX)	between 11,000 and 50,000 lux	between 3,000 and 35,000 lux	between 8,000 and 35,000 lux
COLOUR RENDERING INDEX (CRI)	> 95	85	> 85
LIGHTED AREA (MM)	190 x 100	170 x 85	140 x 70
ELECTRICAL SUPPLY	24 VAC 50/60 Hz	17-24 VAC 50/60 Hz	12-24 VAC 50/60 Hz
CONSUMPTION	24 VAC 26 VA / 32 VDC 14 VA	9 VA	29 VA
WARRANTY	24 months	12 months	24 months
CERTIFICATE IN ACCORDANCE WITH THE DIRECTIVE	93/42 CE Class I	93/42 CE Class I	93/42 CE Class I

# **Imaging systems**



LCD 22" monitor, 24 VDC, high resolution (1280 x 1024). Durable, versatile and high-performance screen with a wide range of integrated video options, designed specifically for odontologist settings. Optical, anti-glare glass and metal casing.



"Faro" arm for the LCD monitor with a dual rotary shaft and vertical tilting.

## **Endodontic micromotor**

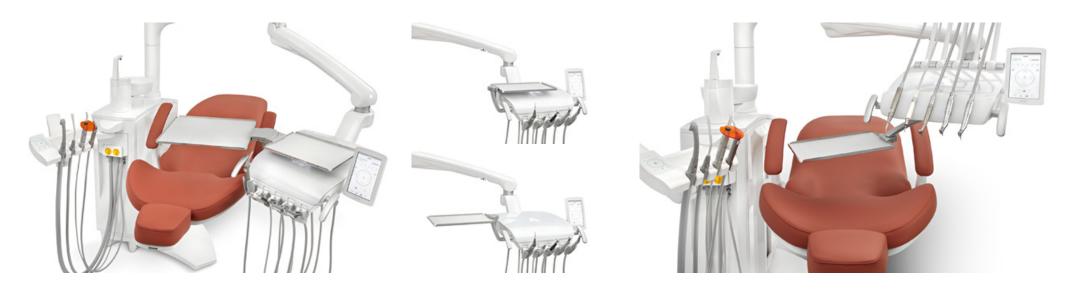


Brush-free induction micromotor with ENDO functions. Programmable counterangle and minimum/maximum speeds, torque, rotation direction and micromotor light brightness.

High performance at high and low speeds (from 100 to 40,000 rpm) for a wide range of operating options:

- High speed for restoration procedures.
- Low speed (100-4000 rpm) for root canals.
- Automatic reverse rotation after reaching the selected torque.
- Automatic counter-clockwise return (adjustable timing).
- · Sterilizable.
- Lighter, more powerful and silent.
- Practically maintenance-free.
- · Long useful life.
- · No vibrations.

## **Trays**







## **Upholstery colours and fabrics**

#### The SOFT EASE range contains the following colours:

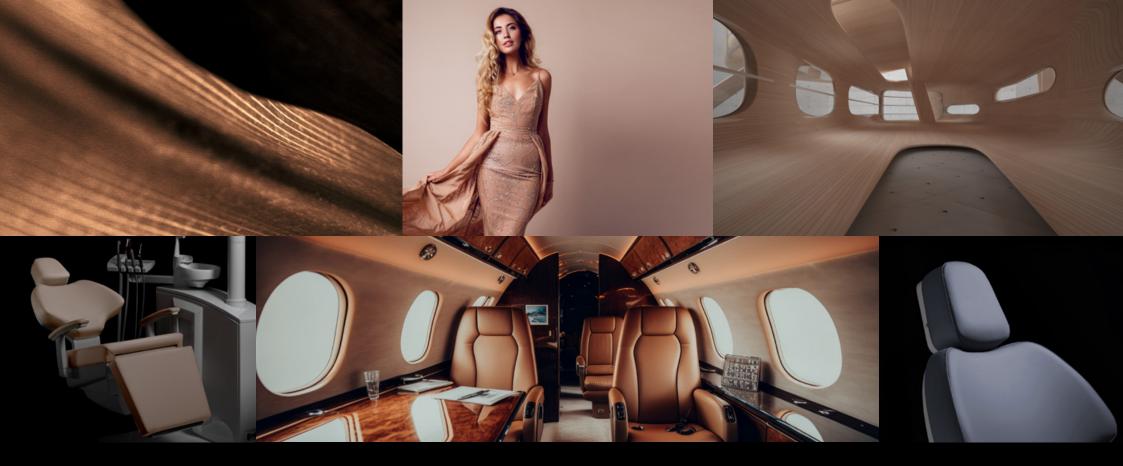


#### The SOFT ELEGANCE LUX range contains the following colours:



#### "Standard" range upholstery colours:







## Soft Elegance Luxe:

**Creating a Relaxing and Glamorous Dental Experience** 

#### **Stools**

## Optional right side armrest



#### **Headrest and backrest**

#### Standard headrest

Included in the standard equipment, possible to make an upgrade to the headrest with 3D movement







Hinged multi-purpose headrest

#### Headrest with 3D movement

Ergonomic headrest with circular movement and pneumatic or manual brake (optional)







Vertical movement up to 170 mm



# S Technologies Beyond the Ordinary

