



# SOMETHING IS CHANGING IN ANCAR

*Discover the Future with us*



S3



S5



ancar

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# Welcome to Ancar

## *Industrial tradition since 1958*

At ANCAR, our working philosophy is very clear: to design the best dental equipment required by professionals. To do this we ground ourselves in 6 values that characterise each one of our creations such as value, ergonomics, technology, design, flexibility and the human touch.

All of these pillars, together with the effort and desire to be the best means that every day we are meeting new challenges and broadening our product range with the most innovative technological advances.

Our inception dates back to 1958, but the year that marks the turning point for ANCAR is 1988, the year we introduced our first dental unit, the Pyrinee model. Back then we could never have predicted, nor imagined the growth and salience that ANCAR would have acquired on the international stage 30 years on.

Getting to this point hasn't been easy, but guided by values such as determination, patience and humility we have managed to establish ourselves and gain recognition in a demanding and competitive market. Similarly, we have laid the foundations for a brand which is consolidated and valued in 32 countries across Europe, the Middle East, Oceania and the Maghreb.

At present, our range is made up of 40 different models, all of which are manufactured with the best materials whilst paying the utmost attention to every small detail. At ANCAR we are aware of the needs of dental professionals and patients, which is why all of our products are designed to meet all essential requirements.

Thanks to this work methodology we are able to build reliable, durable dental equipment manufactured from quality materials, with a focus on improving ergonomics by using the latest technologies.

Ancar's success over the course of its 60 year history isn't down to just one person; everybody deserves the credit! Only true, honest and professional team work is capable of justifying our experience and ensuring our future.



**Antoni Carles Pujol**  
President



**Antoni Carles Bosch**  
General Manager



*"This is our history,  
this is our philosophy,  
this is our  
commitment".*

**Antoni Carles Bosch**  
General Manager

[www.ancar-online.com](http://www.ancar-online.com)

# Our 6 Pillars



ancar

## *The 6 fundamental pillars that form Ancar's philosophy*

We here in Ancar want to offer the best Treatment Units, so we base our actions on six fundamental pillars:  
[Design](#), [Technology](#), [Ergonomics](#), [Value](#), [Flexibility](#) and the [Human Factor](#).

These principles form part of our identity and our way of working and we want the whole world to recognise it.

## Design

*Unique on the market*

The new design makes ANCAR unique on the market. To create the new S3 and S5 series we have combined the professionalism and quality of the Scandinavian models with an elegant Mediterranean style, creating our own unique and authentic design.

## Value

*Added value*

What sets a good product apart from another is the added value it can provide. In our case, we manufacture treatment units based on essential principles such as safety, hygiene, the quality of the materials we work with and functionality. Only by following these added values can we manage to create treatment units that we are proud of.

## Technology

*Make work easier*

Technological advances allow us to help make professionals' work easier and achieve the expected results with their patients. One of ANCAR's objectives when creating new treatment units is to simplify the work of dentists to the greatest extent possible, thus optimising their time and providing better benefits.

## Flexibility

*Configure your unit*

Flexibility is one of the most highly prized values in the professional sphere. We know that every dentist is unique and works in a different way. So, we here in ANCAR want to provide the opportunity to configure the equipment exactly how each professional wants. With our extensive range of products each dentist will find the equipment that best suits their needs.

## Ergonomics

*Improve access and visibility*

More than 60% of dentists suffer from back, shoulder, elbow, arm or wrist pain. It's no wonder since they spend a large part of their day to day life in the same posture treating patients. As such, our work needs to be concerned with manufacturing ergonomic treatment units to improve access to and visibility of the patient's oral cavity and to help improve the posture of dental professionals.

## Human Factor

*Always by your side*

No dental unit is possible without the team behind it which builds the unit. We here in ANCAR rely on the best professionals to carry out our projects. Trust is the key to achieving our main goal: for dentists to feel they have our support at all times. We not only provide treatment units, but also the safety and the peace of mind knowing that our entire team is available for any consultation.



# Design

*Unique on the market*

## *A modern dental unit thanks to its design*

- New Touch Screen: Touch Expert Pro.
- New instrument tray and instrument arm.
- Mix between Mediterranean design and Scandinavian functionality.
- Stand floor unit.
- Up to 7 instruments: 5 at the dentist's tray and 2 at the assistant's support.
- Multifunction electronic pedal with water selection, reversal of micromotor rotation, "Chip-blower" function and chair movements.
- Auxiliary tray for small hand instruments.
- Quick connection kit: USB 2.0 port + air / water socket + 230 V integrated output.
- ON / OFF water and air supply integrated in the general switch of the UNIT.
- Syringe 6F. Inox installed as standard.



S3



S5

S3



S3 – S5: 2 types of patient chairs available: Standard chair or knee-break chair. The knee-break chair improves the working positions and accessibility for dentist and assistant. It reduces the visual impact and provides a more spacious image of the clinic.

S5



Patient chair with vertical elevation that improves the accessibility of the patient, with an elevation range between 380 and 800 mm, in order to work sitting or standing. Diaphanous space under the chair without obstacles increasing the working positions for dentist and assistant.

# Design

*A modern dental unit thanks to its design*



## UP TO 7 INSTRUMENTS:

- 5 at the dentist's tray
- 2 at the assistant's support.



SYRINGE 6F. INOX  
installed as standard.



MULTIFUNCTION  
ELECTRONIC PEDAL  
with water selection,  
reversal of micromotor rotation,  
"Chip-blower" function  
and chair movements.



AUXILIARY TRAY  
for small hand instruments.



QUICK  
CONNECTION KIT:  
USB 2.0 port + air / water socket +  
230 V integrated output.



NEW  
TOUCH SCREEN

# Technology

## *Electronic unit controlled by Microprocessor and with Touch Screen*



### *New Touch Screen*

- IPS technology (visibility of the screen from any angle).
- The touch screen can be installed on the right or left, to your liking.
- Individual and digital regulation, through the touch screen, of the water flow for each instrument.
- Identification of the clinic, the date and time and the possibility to add the clinic's logo on each screen.
- Programming of multiple users and configuration of the instruments and movement memories for each of them.
- Programming of scaler work parameters in ENDO, PERIO, SCALER, working range, and light intensity in the instruments.
- Adjustment of the operating parameters of the micromotor (with ENDO functions): torque control in Ncm, direct or reverse rotation, irrigation mode (spray, torque control in Ncm, direct or reverse rotation, irrigation mode (spray / water / air) , type of contra angle and two types of speeds: from 200 to 40,000 rpm and from 100 to 4,000 rpm.
- Graphic visualization of the power level of the scaler, micromotor, turbine and the real working speed of the turbine.



- Possibility to adjust the chair's speed from the screen
- Possibility of regulating the intensity of the lamp from the screen
- Warnings detection and control system.
- Selection of the working language.
- 3 different timers possible and all 3 can work at the same time.
- Electronic regulation of time water glass filling and water in spittoon
- System "Update Device": incorporates the latest updates even years after its acquisition.
- Automatic "Chip-blower" programming.
- Programmable flashlight effect in the selection of instruments with light.
- Statistics on the use of the unit: movements of the chair, use of instruments, frequent notices and recent notices.
- Downloadable user manual from the screen
- The contact information of the distributor or technician is recorded on the Touch Screen and in case of breakdown a message appears with the telephone number of the technician.

### *More Technological Advantages*

- Automatic ON / OFF of the lamp when in position zero and when returning to the spittoon.
- Activation of the lamp with the pedal handle.
- The units have new motors, which means that the movement of the chair is softer and silent.
- The new power supply has more filters that filter the current and avoid interference with other machines.
- Integrated aspiration connection.

ACTIVATION OF  
THE LAMP  
with the pedal handle.





# Ergonomics

*Improve access and  
visibility*



## MULTI-POSITION ARTICULATED HEADREST

Minimum height of 365 mm,  
facilitating intervention  
in the upper parts.



## ELECTRIC CHAIR WITH TRENDLENBURG

5 position memories:  
3 working position, position zero  
and return to spittoon.



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## PATIENT CHAIR MOVEMENTS

available on pedal and keyboards  
(main and assistant).



## WATER GROUP WITH 70 DEGREE TURN

facilitating the work of the assistant.



## NARROW BACKREST (optional).

# Ergonomics

## Main Instrument Tray



### 3D MOBILITY

The pegs of the instruments have a 3D mobility, adjustable compensation and are longer for greater comfort of work.



### THE TRAY THAT WILL ADAPT TO YOUR WORK

The new arm of the instrument tray has a very wide range of elevation and descent, it is easier to move and aesthetically more modern. The professional doesn't have to adapt his way of working to the limits of a tray, the tray will adapt to his way of working.



### GREATER MANEUVERABILITY WITH LESS EFFORT

Arm and instrument tray with mechanical compensation and pneumatic piston. You can install the touch screen to the right or left, to your liking.



S3



S5



### BETTER COMFORT

In the case of hanging hoses, the instrument holders are sterilizable and adjustable for better comfort.

THE TWO HANDLES OF THE TRAY ARE STERILIZABLE





# Ergonomics

## Auxiliar Instrument Tray



### NEW ANCAR TRAY

This new ANCAR tray is a true revelation. It's light design makes it easy to move but at the same time it supports up to 4kg.



ADJUSTABLE STAINLESS STEEL  
AND REMOVABLE TRAY



CAPACITIVE  
KEYBOARD



S3

ASSISTANT TRAY WITH  
ADJUSTABLE HEIGHT  
(3 POSITIONS).



S5

# Value

*What sets a good product apart from another is the added value it can provide*

## Security

- Securities in support of auxiliary cannulas, backrest and base of the chair.
- Movement security through the main keyboard and assistant keyboard.
- Securities in the optional instruments (turbine, micromotor and ultrasound) by means of the pedal
- Security in the selection of a second instrument.
- Unit designed in accordance with the directive on medical devices, whose design and construction meets the applicable safety requirements of the dental product standards and IEC standards.
- Hydric box on the floor for greater stability.

HYDRIC BOX  
ON THE FLOOR  
for greater stability.



## Hygiene

Easy cleaning and impeccable hygiene in the dental clinic is our mission. We know that wasting time disinfecting some parts after each consultation can be time consuming. That's why our equipment is designed to make your life easier.



Removable and autoclavable silicone instrument holder.



Standard removable and thermoisinfectable suction hoses.



Easy cleaning suction filter.



Removable and autoclavable cuspidor cup (at 135 degrees Celsius).



Removable cup tap for easy cleaning.



Oil recovery of the rotary instruments.



WEK



WEK Light



DENTA  
PURE

Optional "WEK" system to decontaminate water in the instrument hoses.



Optional "H1" system for the disinfection of suction hoses.



CAS-1

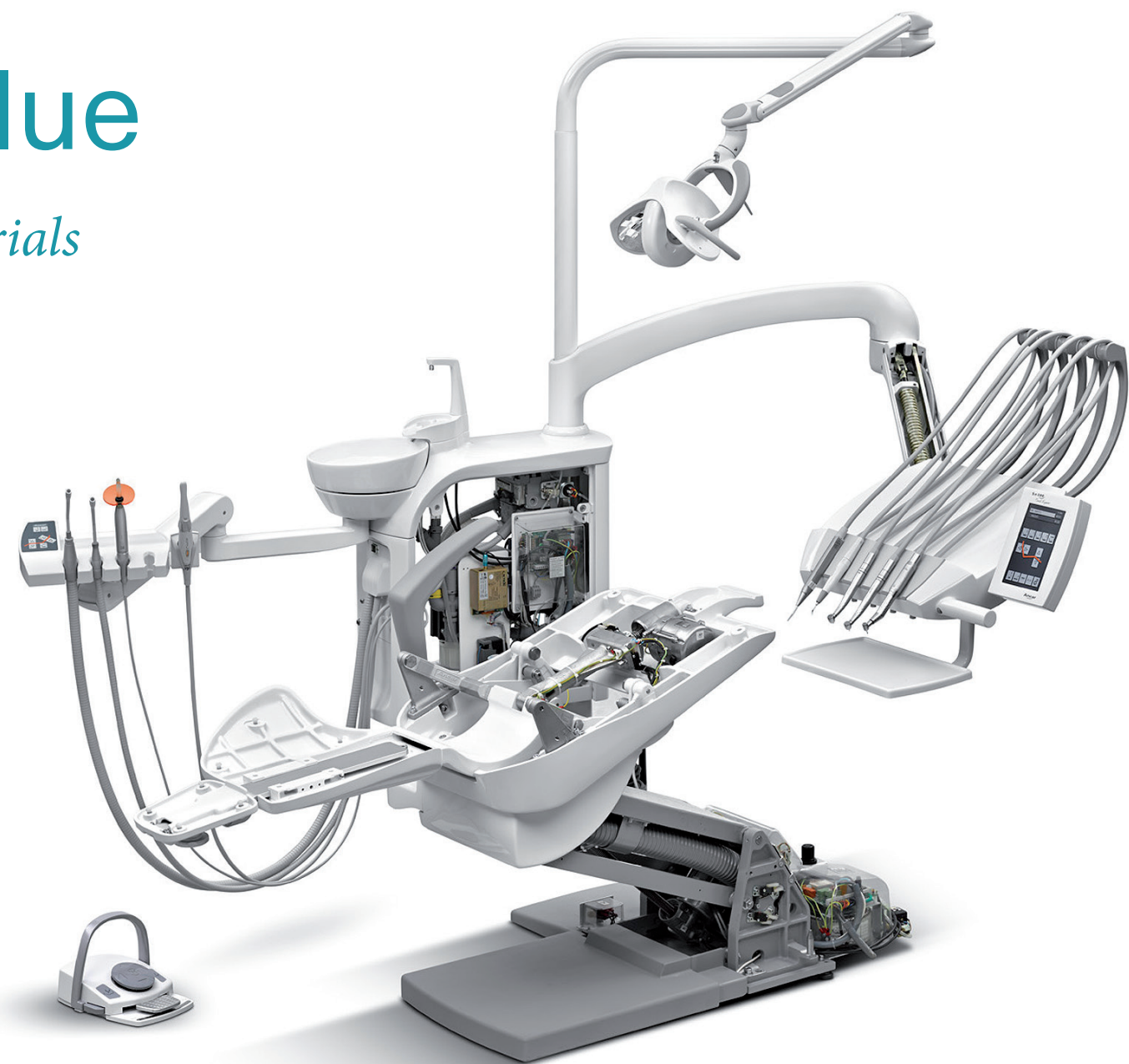
COMPACT  
DYNAMIC

Amalgam recovery systems and dry or wet suction.



# Value

## Materials



PORCELAIN  
CUSPIDOR CUP



ALUMINUM CORE  
Unit, PATIENT CHAIR and pedal  
made of light alloy anticorrosive  
ALUMINIUM.

## Standard range upholstery colours



400  
Yellow



405  
Purple



410  
Pastel Blue



425  
Silver Grey



435  
Pearl Black



440  
Pastel Green



445  
Pearl Green



455  
Pearl Blue



470  
Dark Blue



475  
Gamet



480  
Gold

## "Soft Plus" upholstery colours



820  
Soft Slate Grey



821  
Soft Red Marsala



824  
Soft Yellow Pistacho



825  
Soft Anthracite



829  
Soft Black



830  
Soft Orange



831  
Soft Red



832  
Soft Lime Green



833  
Soft Olive Green



834  
Soft Brown



835  
Soft Navy Blue



836  
Soft Light Cream

Upholstery "Standard" and  
"Soft Plus" of high quality and  
very hygienic, fireproof, great  
elasticity and pleasant touch.  
Very resistant, difficult to rip.



# Flexibility

*Create your own dental unit, adapted to your taste and your needs*



S3 W



S3 H

## INCORPORATE INSTRUMENTS

Possibility of incorporating instruments, hygiene and aspiration systems, amalgam separators and other elements of leading brands: Bien Air, Dürr, Satelec, Metasys, NSK, Gecomm, Faro, etc.

S5 W



S5 C



S5 H



*.... AND MANY MORE MODELS AVAILABLE.*

*Please ask your official Ancar dealer for information on the whole range.*



# Human Factor

*Always by your side,  
ready to help  
whenever we can*



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# WE CARE ABOUT YOU

[www.ancar-online.com](http://www.ancar-online.com)







QS4 LEA 022 V.53  
Subject to design and/or  
specifications changes  
without prior notice.  
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