Comfortable
Elegant
Different

ancar

Series 7
Sit Down Naturally
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Elegant
Different

Sit Down Naturally
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 Pyrenees 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.
The most natural way to treat patients

Sy chair

- The precise representation of elegance mixed with ergonomics, providing an exclusive result for all dental specialists across the globe who seek practicality, comfort and perfection not only in their work, but also in their patients’ experience.

Discover the endless possibilities of the Sy chairs together with the Scandinavian Alone versions!

- An exciting line of equipment which guarantees comfort in the most natural way possible.
- The refined aesthetics of the new Sy is currently a reality, which together with the infinite elegance present in the entire line of Ancar products, manages to stand out once again for its reliability and workplace ergonomics.
- In addition to a coordinated structure of the best manufacturing elements together with coverage of the needs for dental practice, the series offers doctors a high-quality product with immense work possibilities.
- And... of course, it is made of aluminium.
The Sd-735 is the elegant adaptation to the hanging hose version, in order to offer doctors a different working system. This way it will be the doctor who decides which version they like to work with the most during the interventions. The model also includes Touch Expert technology, which you can use to communicate with the patient, which illustrates Ancar’s efforts to offer the best professional services possible.

Irresistible comfort, as well as the easy accessibility of an S7, come together with the great benefits of Ancar’s electronic equipment. Enjoy the advantages of the most advanced medical technology, which we call Touch Expert, Ancar’s effort to offer the greatest professional services, maximum precision and informative details that come close to perfection.
MOBILITY AND ADAPTABILITY ALWAYS AT YOUR DISPOSAL

S7 chair + Sd-80 Scandinavian ALONE (Sd-80 + Cd-80)

The Sd-738 model justifies combining the advantages of the S7 chair together with the benefits of the Cd-80 electronic cart, equipped with Touch Expert technology, adapted to the doctor’s work, while also reducing the intervention time.

Technical data

Voltage: 220-240V
Frequency: 50-60 Hz
Power: 400 W
Electrical protection type: B
Operation type: Intermittent
Maximum load (patient): 160 kg
Shift movement: 300 mm
Automatic shift: leg supplement
1 Joystick seat movements
1 Joystick with 4 position memories
Standard seat fixed to the floor.
Base for chair support not fixed to the floor.
Voltage  220 - 240 V~
Frequency  50 - 60 Hz
Water pressure  5,5 Bar
Water pressure  3 Bar
Power  1400 W
Electrical protection  type I
Operation type  Intermittent
Maximum load (patient)  160 kg
Maximum load (instrument tray)  2 kg
Instrument Electric Micromotor 24 Vdc / 65 W
Instrument Mx micromotor 24 Vdc / 60 W (130 max peak)
Instrument light  3v – 7v / 2.5 W
Ultrasound  24 Vac / 35 W
Polymer lamp  24 Vac / 150 W
Syringe 6F  24 Vac / 150 W
Unit standard 93/42/EEC IIa Class
Insulation type  BF Type
Unit net / gross weight  340 kg / 400 kg
Dental unit type  Electronic
Installation type  Permanent
Main fuse  T 6.3 A / 250 V
Movement panel fuse, line 24v  T 32 mA / 250 V
Primary transformer fuse, 9015136 PCB  TT 2.5 A / 250 V
24 V ac 1st line protection (yellow/blue)  Polyswitch RUE400
24 V ac 2nd line protection (blue/brown)  Polyswitch RUE400 + RUE600
17 V ac line protection (red/red)  Polyswitch RUE600 + RUE185
Auxiliary outputs 24 Vac  4 x water unit
3 x instrument tray
1 x circuit box
Suction connection  500 W / 230 V Relays 20 A / 250 V
Auxiliary contact volt free (circuit box PCB)  Max 250 V / 5 A
Main electro-valves (ref. 9004889)  24 Vdc
S7 chair + Electronic treatment centre
Sd-730: S7+Sd-300 ALONE
Sd-735: S7+Sd-350 ALONE
Sd-738: S7+Sd-80 ALONE (Sd-60 + Cd-80)
**Specifications**

**CHAIR FUNCTIONALITIES**

- Vertical elevation chair with synchronized back and foot movement.
- Chair that folds at 90°.
- Joystick seat movements.
- Joystick with 4 position memories.
- Selection of elevation speed for precision treatments.
- Standard seat fixed to the floor.
- Base for chair support not fixed to the floor.
- Automatically repositioning, rolling back feet.

**EQUIPMENT FUNCTIONALITIES**

- Pedal with chair movement control and instrument control using lever, with water and "chip-blower" selector.
- Speed selector for the micromotor (M40) from 0 to 4,000 rpm (Selective) and from 0 to 40,000 rpm (Global).
- Adjustment & choice of water flow for each instrument.
- Selectable reverse selector and adjustable power level.
- Automatic ON/OFF lamp in rest and return to spittoon position.
- 3F Syringe installed as standard.
- 6F Syringe, stainless steel installed as standard.
- Optional rapid connection Kit: USB 2.0 Port + air/water intake.
- 3F Syringe.
- 230 V auxiliary output.
- Electric micro-motor control through potentiometer.
- Up to 6 instruments: 5 in the main tray and 1 in the auxiliary support.
- Multifunction, proportional electronic pedal for water selection, internal or remote control, "chip-blower" function and chair movement.
- Auxiliary tray only, 1 for the small hand-held instruments.
- Possibility of recharging the instruments and micro-motor (M40) in a single tray.
- Connection box built into the water unit.
- Programmable effect of electric instruments with light.

**ERGONOMICS**

- Chair movements controlled by pedal and keypads.
- Intuitive and ergonomic "Easy-Touch" control panel, with micro-motor remote indicators.
- Arm and instrument tray with mechanical compensation and pneumatic brakes.
- Chair movements controlled by pedal and keypads.
- Electrically operated chair with Trendelenburg and 5 position memories (Home for working, rest and return to spittoon).
- Water group with 5/F intake for assistant's water requests.
- Minimum chair height of 480mm.
- Multiposition articulated headrest.
- Vertical elevation system allows for a diaphanous, obstacle-free space under the back rest increasing the work positions for the dentist and assistant.
- Frontal view of the patient.
- Undistorted view of the middle line.
- Greater precision in occlusion examination.
- Better communication (Doctor - Patient).
- Possibility for remote photography.
- Improved access to persons with advanced age / Limited mobility.
- Reduction of the visual impact. Thanks to the design.
- Offer of a stereo-simulated image of the surgery.
- Camera arm with adjustable height (3 positions).
MATERIALS
- ALUMINIUM CORE: unit, chair and pedal manufactured in light anti-corrosive aluminium alloy.
- Water box lids in ABS.
- Removable, autoclavable, porcelain mouthwash cup.
- High quality, flame retardant, phthalate-free, “Soft plus” upholstery.

SAFETY FEATURES
- Back, folding leg rest, extendible foot rest, movement joysticks.
- On auxiliary controls support.
- On movement keypad.
- On optional instruments (electric, air-water and ultrasonic) through adjustable pedal.
- Unit designed according to medical devices directive 93/42/CEE, whose design and construction meets the applicable dental product safety and IEC norm standards.

HYGIENE
- Autoclavable silicone instrument support.
- Dismountable and thermo-disinfectable suction hoses.
- Easy clean suction filter.
- Heavy instrument oil recuperator.
- "W&H" water decontamination system for instrument hoses.
- Hy-disinfection system for suction hoses.
- Removable and autoclavable mouthwash cup at 135° C.
- Removable cup tap for easier cleaning.

PROGRAMMING
- Electronic unit controlled by microprocessor with "Touch Expert" display.
- "Autocode" of the unit at start-up.
- Identification of the dental center, date and time.
- Programming for 4 different users and configuration of instruments for each one.
- Programming of ultrasonic work parameters in ENDO, PERIO, SCALER, work range, and instrument light intensity.
- Adjustment of ultrasonic motor's work parameters (with ORAL system) range control in flow, direct or reverse rotation, irrigation mode.
- Graphic display of ultrasonic power level and real turbine working speed.
- Statistics about the unit's use (curettings, instrument use, frequent warnings and recent warnings).
- System for detecting and controlling faults or warnings.
- Choice of language for working.
- "Update Device" System: incorporates the latest updates from programming including years after its purchase.
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