

AUTONOMOUS AND INDEPENDENT

FREE OF PLUMBING!



THE LATEST IN TECHNOLOGICAL INNOVATION

A REVOLUTIONARY TECHNOLOGICAL SOLUTION

DOES NOT REQUIRE CONNECTION TO:

- ✓ air supply mains
- ✓ vacuum mains
- ✓ water supply mains
- ✓ sewerage system



Gallant Autonome is a completely fully integrated package. A revolutionary solution for situations where space is at a premium or connections to services too costly or difficult to provide.

Simply connect via a 240-volt power plug and Gallant Autonome is ready for operation. Dentists have called this unique dental unit a true **‘Plug and Play.’**

Specialised dental plumbing can add up to tens of thousands of dollars in build-out cost. **Save dramatically** when opening or extending into non-plumbed suites.

FULLY INTEGRATED PACKAGE



Gallant Autonome dental unit includes a built-in compressor, suction system, aspirator and container for secretions.

The built-in oil-free compressor and suction system is housed within a soundproof cabinet for exceptionally quiet operation.

Features and benefits

- Oil-free compressor (EKOM) DK60 with a stainless-steel body, 5 litre corrosion-resistant tank, and an automatic condensate drain.
- An amalgam separator CAS 1 (DÜRR DENTAL) with filter and place selection valve (DÜRR DENTAL) integrated into the hydroblock unit.
- A suction unit (LUZZANI DENTAL) with a bactericidal filter mounted in the hydroblock.
- Ceramic swivel spittoon bowl with flush and electric glass refill.
- Clean water system (2 litres).
- Water tank for flushing spittle and filling the glass (6 litres).
- Capacity for secretions (5 litres).
- Durr Comfort assistant block with large and small suction hoses and extension capacity with any instrument (up to 2).

Gallant Autonome

PERFECT WORKFLOW



State of the art design and functionality

Modern in appearance, the ergonomics of the unit are enhanced by the intuitive placement of its assemblies.

Seamless workflow is your reward as you take advantage of the flexible mounting system on which easily interchangeable devices such as the operating light, X-ray or monitor can be arranged to suit your treatment processes and movement patterns.

The swing arm of the Gallant Autonome allows the dentist table to be placed at the optimal position for any procedure. In addition, the generous length of the tubing allows you to position the instrument for the most convenient use.



Design with your needs top of mind

The Gallant Autonomie is offered in two versions by Tecnodent:

- “Sting” dental chair (available in suspended and floor- mounted models)
- “ECO.next” dental chair (floor mounted version)

“Sting” and “ECO.next” are perfect examples of the Tecnodent vision – “to provide patients with the greatest comfort in terms of ergonomics, accessibility and functionality as well as aesthetic, tactile and visual pleasure, based on constant research and innovation.”

Both versions offer a great selection of colours and upholstery to further individualise and compliment your surgery environment.

Tecnodent has been manufacturing high quality products in Italy for dental professionals **since 1966**.

Gallant Autonome



Compact, Intuitive, Easy to Use

The Gallant Autonome dentist element, with upper or lower delivery of hoses, features five standard instruments.

The sealed sensory buttons on the dentist touch panels maintain hygiene and allow for easy control of all functions of the instruments, including inclination angle (lower delivery option), instrument speed, torque, air and coolant water flow.

The LED negatoscope facilitates easy review of X-ray films and is available on both versions.

Standard controls include pneumatic tool velocity, coolant water flow, micromotors and scaler.

It is also possible to expand the functionality of the dentist element with the following:

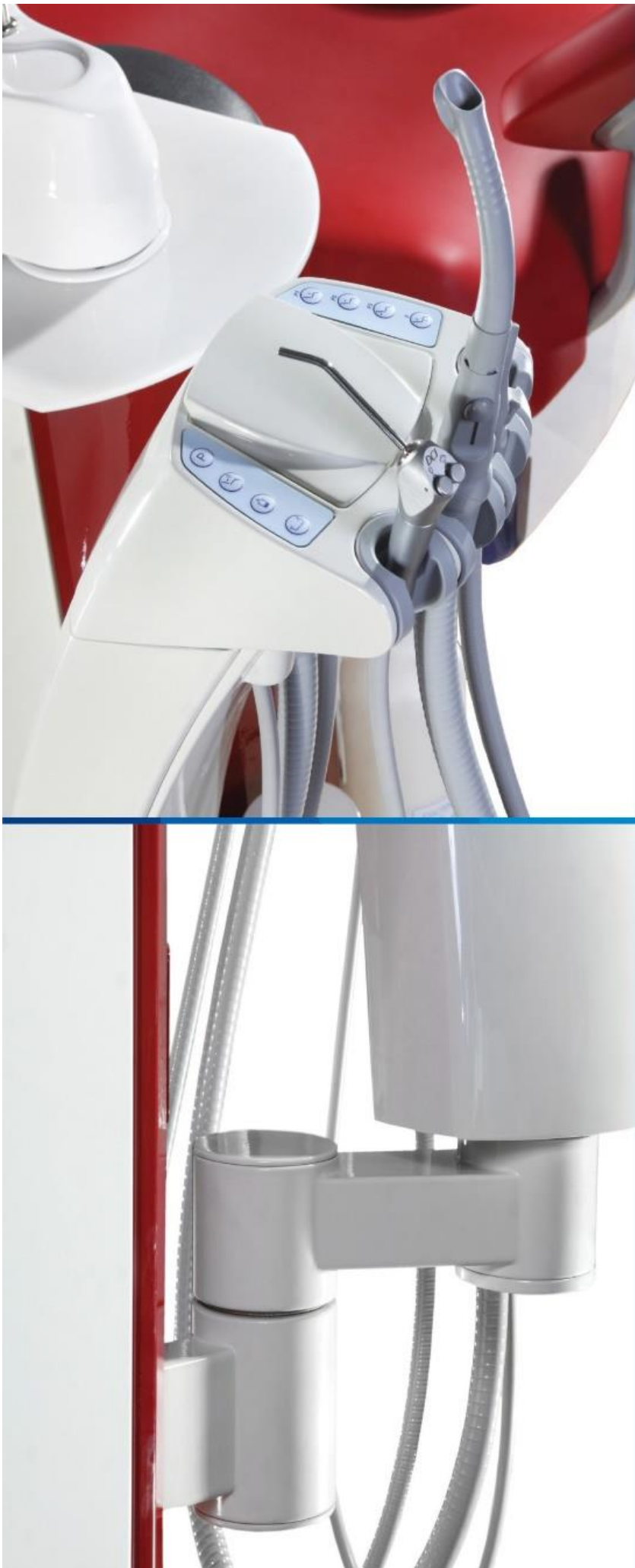
- OptimaINT and its MX2 and MCX micromotors. (The Optima INT and DMX control units with Smart Logic technology allow full control of the outstanding capabilities of the MCX micromotors).
- Satelec peristaltic pump with physiodispenser handle.
- Coagulator.

This is an ideal upgrade to any dental surgery unit, offering the very best Swiss engineering in medical dental equipment.

Moreover, the dentist's element can be positioned to a location that is most convenient to use with all functions within proximity and under your control.

The dental surgery unit also features a compact control touch panel. This panel allows you to control the velocity of the pneumatic tools, coolant water flow and Endo-function, providing you with ultimate speed and torque.





Ergonomically Designed Assistant Element

The Assistant Console is designed to provide access with the utmost ease and with intuitive operation.

All necessary dental functions and chair controls are at your fingertips.

The Durr Comfort Assistant element comes with two standard suction hoses (Dürr Dental – 11mm and 17mm) and can be optioned with two additional handpieces, LED polymerization light (Mectron) and intraoral camera (Durr Dental).

The control panel on the assistant element controls the functions of the patient armchair (also the Trendelenburg position). It also allows for the control of the cuspidor.

The dental assistant table is robust, fully adjustable and is easy to clean. It is very flexible in its positioning and is resistant to disinfectants.

Modular suction tips (Dürr Dental) with spherical regulation allows easy positioning of the suction tips. Simple, fast access to suction filters.

All joints within the Durr Comfort Assistant Panel support smooth movement and are made of durable materials.

Extremely stable and robust construction ensures long-lasting trouble-free operation and comfort.

The unit housing is made of glass-reinforced polyester with a thickness of 10mm making the material very durable and reliable, exhibits certain elastic properties.



Glossy Surfaces, Excellent Durability

The contemporary cuspidor design features a modern-style ceramic bowl available in six colours.

Attached to the hydroblock unit, it allows easy access for patients.

It also includes timed “cup fill” and “bowl rinse” functions.

The cuspidor can swivel up to 90° to accommodate patient needs.



The ceramic cuspidor and decorative plate provide durability and allow for easy maintenance.

The top of the cuspidor block is covered with a high-quality ceramic lid supplied by Italian company **Tecnocer®** with **Tecnoclean®** antibacterial coating.

It provides protection against dirt and makes easier cleaning for everyday hygiene use.

Quality of Light

Features relating to the quality of light must first be considered before choosing a dental lamp.

It is essential that artificial light can faithfully reproduce the colours of the materials and tissues which may appear different, depending on the colour temperature of the light source and the relative colour rendering.

This is of fundamental importance for the success of the job.

Even sunlight affects colour perception: at changing of the seasons or hours of the day we see different colours.

Therefore it is important to have a light source that, at any time, can give accurate information to the doctor. All FARO lamps offer intensity adjustment so that the visual function can capture the tiny details of the operative field with minimal effort.



Dental LED Light MAIA

High technology in tune with the market, this is the ideal solution for anyone looking for a LED dental operating light with high performance.

MAIA lighting level can be adjusted from 3,000 to 35,000 LUX.

The amount of light required to illuminate the operative field depends on several factors.

Proper lighting must have characteristics of intensity, distribution and quality appropriate to the visual function of the physician, in order to capture the details of the operative field.

Depending on the age of the physician, for example, it will require a higher or lower quantity of light.

In addition, the smaller details to be observed, the greater the intensity of light is required.

A good source of illumination must be adjustable, without losing its colour temperature and uniformity.

Dental LED Light ALYA

Artificial light has never been so similar to sunlight! In order to achieve the best results under safety and health conditions, dentists need to operate in a clear view environment.

Given its composition, it has been verified that sunlight would be the best lighting source ever, since it allows the perceptions of every small detail in objects and figures, as well as a perfect rendering of colours.

An artificial light that is qualitatively similar to that of the sun would be the ideal solution to allow dentists to get a clear view and facilitate their job.

ALYA has been designed to feature optimal scialytic effect reducing the shadow effect of instruments and keeping natural barriers to a minimum.

ALYA lighting level can be adjusted from 3,000 to 50,000 LUX.





The Best Tools for Every Procedure

The Luzzani Dental 3-way syringe (Minimate)

Minimate has been produced with resistant and high-quality materials.

It is a durable, yet comfortable and light dental syringe, characterized by simple and ergonomic lines.

The Luzzani Dental 6-way syringe with hot/cool water, air and spray (Minilight)

MiniLight is easy to use, light and practical.

The heating of water and air is immediate and may be activated by turning the rear end of the syringe to the right.

The Luzzani Dental 6-way syringe with hot/cool water, air, spray and light (Minibright)

Minibright is easy to use, light and practical.

It illuminates the oral cavity with removable and interchangeable handle and tip allowing for easy sterilization. It may be perfectly sterilised, both the handle and the tip may be pulled out and interchanged.

The heating of water and air is immediate and may be activated by turning the rear end of the syringe to the right.

When the LED is on, Minibright is ready to supply hot or cool water air and spray.

MECTRON Curing Lamp

Mectron is a leading manufacturer of LED curing lights. The Starlight S can be easily built into a dental unit. The ergonomic handpiece can be positioned simply on the doctor or assistant table. The Starlight S has two curing modes: "fast" (10 sec) and "slow rise" 20 seconds with slow progression in the first 3 seconds).

**Experience the Efficiency of Bien Air Swiss -
made quality**

Bien-Air MCX LED

The smallest and lightest brushless micromotor ever designed by Bien-Air.

Thanks to its Smart Logic electronic control, the power automatically adjusts to variations in pressure during use.



Satelec

Satelec represents the next generation in ultrasonic piezoelectric technology. It is gentle, yet powerful enough for applications in scaling, surgery, cavity preparation and more.

Add in factory installation and streamlined integration with GALLANT delivery systems and you have a complete, easy-to-use ultrasonic system designed for efficiency, performance, and reliability.



Bien-Air Prestige

Every evolution of the Prestige series embodies Bien-Air's user-focused approach to micro-precision engineering. Bien-Air's impressive bur concentricity, safe cooling of the treatment site and perfect weight distribution are just three of a long list of performance and comfort-enhancing features.

With Prestige's most compact head, those hard to reach areas in the back of the mouth are accessed with surprising ease.



Black Pearl Eco
Simplicity Itself

Experience Bien-Air's Swiss-made quality at a value defying all logic.

Boralina and Blackpearl Eco let you push the limits with more potential and ability than any high- speed handpiece in their class.

The opportune support you can depend on when you need to be ready for anything.



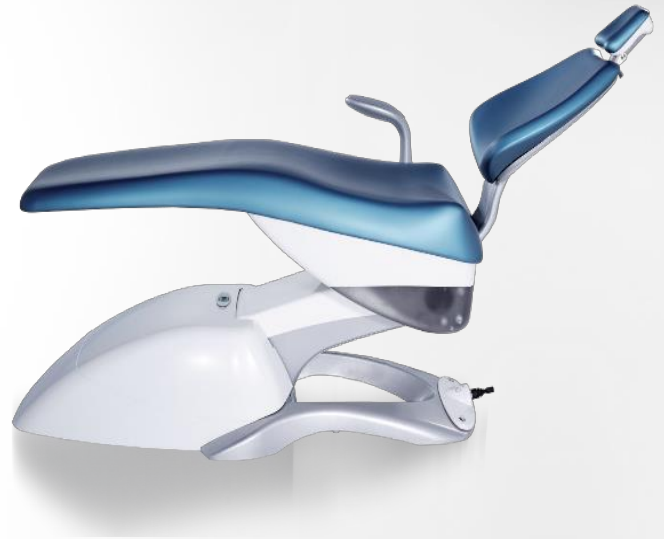
STING



- Electromechanical lifting, lowering and tilting movements
- Compensated backrest tilting, up to the horizontal position
- Wrapping and slim anatomical backrest for the maximum functionality in the treatment for the professional
- Multi-articulated anatomical headrest UNI for a patient's comfortable posture and for perfect vision during treatment
- High quality wrapping upholstery without seams
- Possible customization with different colors of polyurethane and leatherette fabric
- Integrated utility box
- Complete symmetry for right-handed or left-handed professional

STING

- RAL 9003 painting + Silver (OPTION Total white RAL 9010 version)
- White or semi-transparent grey lateral covers
- Joystick control on the base for fast and efficient movements of the chair without using your hands
- Security STOPS on the backrest, on the base and on the pantograph arm
- Return to "zero" position automatic program
- Rinse position automatic program
- Possibility to program 3 different working positions (OPTION)
- Possibility to equip the chair with one/two rotating armrests to improve the accessibility of the chair and to assure a natural support for the arms, allowing a relaxed position during the treatment (OPTION)
- Memory Foam and Hand Made Soft Foam upholstery (OPTION).



Stabilising plate for base (OPTION)

Guarantees more stability to the chair when attached to the unit body.

Trendelenburg movement (OPTION)

At 15°, with automatic compensation of the backrest for a correct blood flow during the treatment.

Unit/lamp attachment (OPTION)

Drilled body for fastening dental unit/lamp.

Bi-colour front utility box (OPTION)

Foot control (OPTION)

A high precision joystick pedal controls movements directly in a simple and efficient way without using your hands.

Rotation with front adaptor (OPTION)

Rotating device which allows the chair to rotate around the vertical axis using a lever under the seat.

Right/left armrests (OPTION)

Rotating armrests help the patient to get on/off the chair.

TECHNICAL FEATURES

Maximum height	820mm
Minimum height	420mm
Backrest tilting angle	-15/+63 °
Width	644mm
Length (without headrest)	1760mm
Length (with headrest)	2070mm
Gross weight	110kg
Net weight	80kg
Maximum lifting capability (patient + unit)	135+75kg
Classification	I
Type	B

Evolution of a Great Classic – Mixing High Performance with Timeless Italian Design



ECO.next

- Electromechanical lifting, lowering and tilting movements
- Compensated backrest tilting, up to the horizontal position
- Narrow and slim anatomical backrest for the maximum freedom of action of the professional
- Multi-articulated anatomical headrest ELLE2 MOBILE for a patient's comfortable posture and for perfect vision during treatment
- Wrapping seamless upholstery in high quality leatherette fabric
- Integrated utility box
- Complete symmetry for right-handed or left-handed professional

ECO.next

- Joystick control on the base for fast and efficient movement of the chair without using your hands, assuring perfect hygiene
- Security STOPS on the backrest, on the base and on the pantograph arm
- Return to "zero" position automatic program
- Rinse position automatic program
- Possibility to program 3 different working positions (OPTION)
- Possibility to equip the chair with one/two rotating armrests to improve the accessibility of the chair and to assure a natural support for the arms, allowing a relaxed position during the treatment (OPTION)

Narrow backrest

This backrest was studied to allow the doctor the closest approach to the patient during the treatment, also guaranteeing an excellent comfort to the patient.

Trendelenburg movement (OPTION)

At 15°, with automatic compensation of the backrest for a correct blood flow during treatment.

Mobile foot control “Easy Touch” (OPTION)

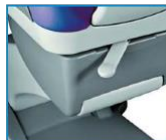
Easy and functional foot control which provides different precise treatment positions and the doctor’s hands-free control.

Infra-red remote control (OPTION)

Manual control of movements and is set to reach programmed positions.

Central arm (OPTION)

Unit fixing and rotating arm for ambidextrous functionality.



Large anatomical backrest (OPTION)

Guarantees the maximum comfort, pleasantly wrapping the patient’s back allowing them to relax.

Rotation (OPTION)

Rotating device which allows the chair to rotate around the vertical axis using a lever under the seat.

Right and/or left armrests (OPTION)

Rotating armrests help the patient to get on/off the chair.

Unit/lamp attachment (OPTION)

Drilled body for fastening dental unit/lamp.

Polyurethane colours

Possibility to choose between 5 different colours

TECHNICAL FEATURES

Maximum height	Without rotation 780mm With rotation 795mm
Minimum height	Without rotation 380mm With rotation 395mm
Backrest tilting angle	-15/+63 °
Rotation angle	±30 °
Width	660mm
Length (without headrest)	1570mm
Length (with headrest)	2050mm
Gross weight	170kg
Net weight	140kg
Maximum lifting capability (patient + unit)	135+75kg
Classification	I
Type	B

Colour creates cosiness, harmony and style



A variety of fascinating and vivid colours

Tecnodent offers an excellent range of 25 standard and 25 non-standard colours in its patient armchairs and dentist chairs.

Made from 2mm thick polyurethane, the colour remains strong even with constant long-term use.

Versatile, Compact, Flexible



The standard version of the Gallant Autonome dental unit provides:

- Floor-mounted soundproof hydroblock.
- Floor-mounted or suspended “STING” (dental chair Tecnodent Italy).
- “DK60” (EKOM Slovakia) oil-free compressor with corrosion-resistant five litre tank, and an automatic condensate drain.
- Cuspidor valve with a place selection valve (DÜRR DENTAL Germany).
- An amalgam separator “CAS 1” (DÜRR DENTAL Germany).
- A “Luzzani” suction unit with a bactericidal filter mounted in a hydroblock (Luzzani Dental Italy).
- “Durr Comfort” assistant’s table with big and small suction hoses (DÜRR DENTAL Germany).
- Ceramic spittoon bowl (Tecnocer Italy) with rinsing and cup filling electronic control.
- Two litre distilled water tank.
- Six litre water tank for flushing the cuspidor and filling the rinsing glass.
- Five litre capacity secretions receptacle.
- “EDI” (Faro Italy) dental lamp on a hydroblock unit.
- Pneumatic foot control

STING (Tecnodent Italy) patient armchair including:

- Completely electromechanical lifting and backrest movements.
- Program for “0” position reset.
- Rinse position.
- Dual foot-controls on base.
- Safety stops on base.
- Safety stops on backrest.
- Wide armchair backrest
- Flat headrest rotatable in one plane.

Dentist’s table with upper or lower delivery of hoses on pantograph arm with pneumatic brake including:

- X-ray viewer (negatoscope with LED lighting).
- Control panel (touchpad) to control the arm- chair operation as well as the adjustment of all dynamic instruments, power and Endo function.
- 3-way syringe DCI.
- One pneumatic line (high-speed handpiece silicone hose).
- Special big table with silicone mat.
- Special big table with stainless steel tray.



Additional Options are Available. Please Contact Us

For the Dentist's Table:

- Second pneumatic line without FO (fibre optic).
- Second pneumatic line with FO (fibre optic).
- Replacement of non-FO pneumatic lines with FO
- Micromotor MC2 (Bien Air Swiss).
- Second Micromotor MC2 (Bien Air Swiss).
- Micromotor MC2 LED (Bien Air Swiss).
- Second Micromotor MC2 LED (Bien Air Swiss).
- Micromotor MC3 LK (Bien Air Swiss).
- Second Micromotor MC 3 LK (Bien Air Swiss).
- Micromotor MC3 LED (Bien Air Swiss).
- Second Micromotor MC 3 LED (Bien Air Swiss).
- Micromotor MX2 OptimaINT (40 programs) (Bien Air Swiss).
- Second Micromotor MX2 (Bien Air Swiss).
- Micromotor MX2 LED (Bien Air Swiss).
- Second Micromotor MX2 LED (Bien Air Swiss).
- Micromotor MCX OptimaINT (40 programs) (Bien Air Swiss).
- Micromotor MCX (1000 - 40000 rpm) (Bien Air Swiss).
- Second Micromotor MCX (1000 - 40000 rpm) (Bien Air Swiss).
- Micromotor MCX LED (1000 - 40000 rpm) (Bien Air Swiss).
- Second Micromotor MCX LED (1000 - 40000 rpm) (Bien Air Swiss).
- Module with piezoelectric scaler Xinetec without light with 3 inserts (Satelec/Acteon).
- Module with piezoelectric scaler Xinetec with lighting with 3 inserts (Satelec/Acteon).
- Module with piezoelectric Mectron scaler with 3 inserts (Mectron Italy).
- Module with piezoelectric SP NEWTRON scaler without light with 3 inserts (Satelec/Acteon).
- Module with piezoelectric SP NEWTRON scaler with LED light with 3 inserts (Satelec/Acteon).
- Module with piezoelectric EMS scaler with 3 inserts.
- Module with piezoelectric TKD scaler with 3 inserts (TKD Italy).
- Module with curing light STARLIGHT Sx5 (Mectron Italy).
- Peristaltic pump "Satelec" and rod for container (Satelec/Acteon).
- Curing lamp for incorporation Mini LED (Mectron Italy).
- Replacement of syringe with Minimate 3-way (Luzzani Dental Italy).
- Replacement of syringe with Mimilate 6-way (Luzzani Dental Italy).
- Water heater for doctor table instruments (Denlux Denmark).
- Special big tray with 2 stainless steel trays.

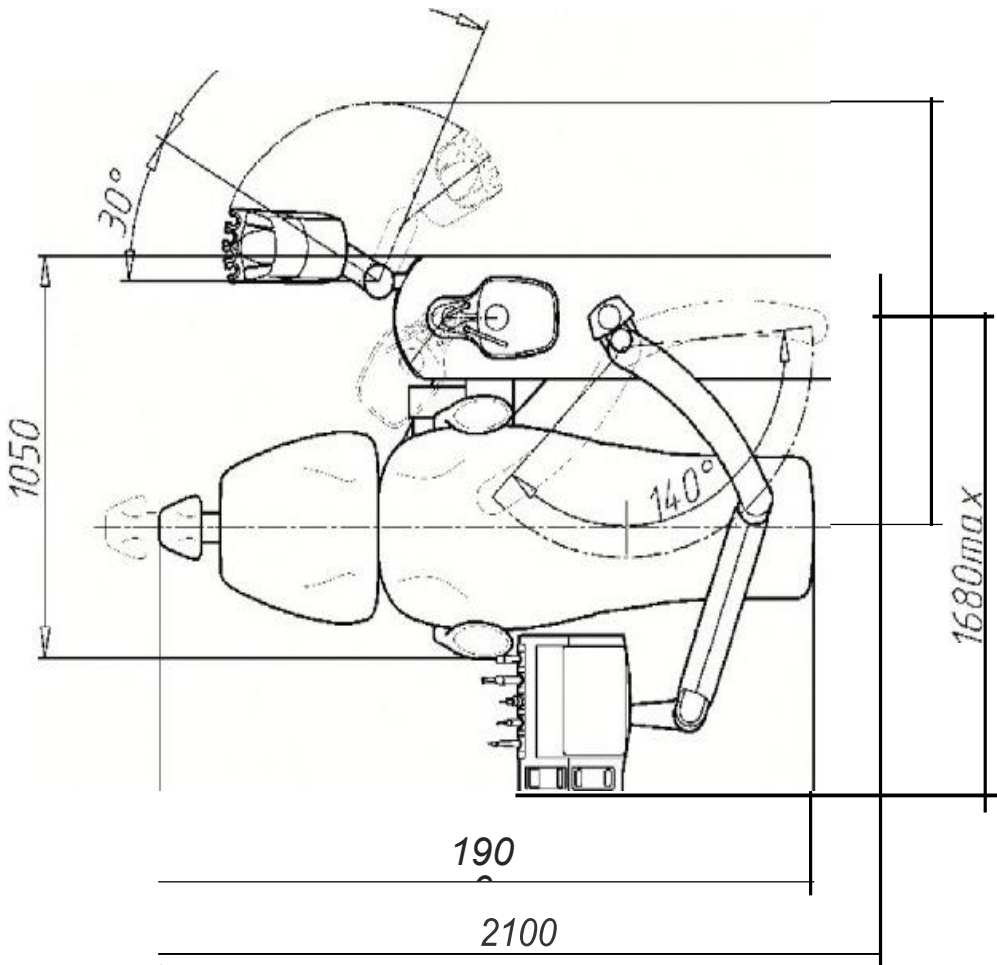
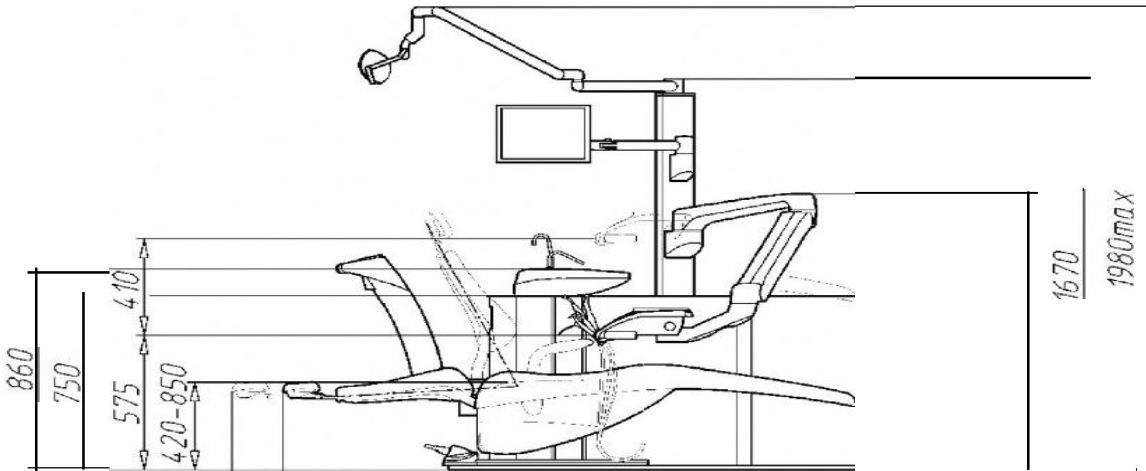
For the Hydroblock:

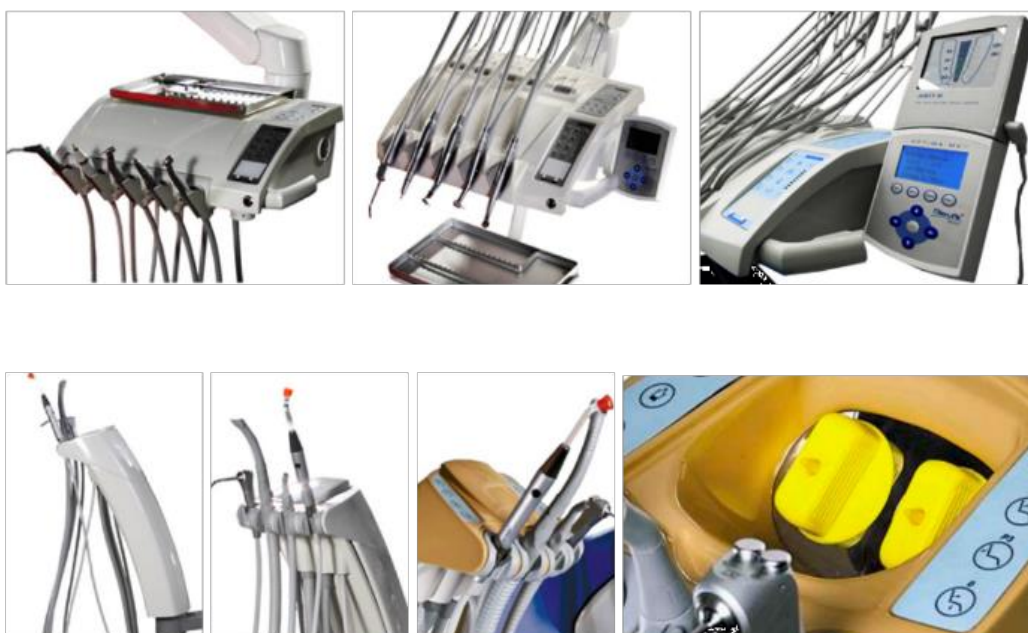
- Replacement of syringe with Minimate 3-way (Luzzani Dental Italy).
- Replacement of syringe with Minilate 6-way (Luzzani Dental Italy).
- Curing light STARLIGHT Sx5 (Mectron Italy).
- Rotary arm for monitor attachment.
- Water heater "DENLUX" for the cup filler (Denlux Denmark).
- Replacement of the "FARO EDI" lamp on the "FARO ALYA LED" (Faro Italy).
- Replacement of the "FARO EDI" lamp on the "FARO MAIA LED" (Faro Italy).
- Metal plate on the floor for fastening the installation and chair.
- Replacement of pneumatic foot control by multifunctional foot control "FARO".

For the Dental Chair:

- Replacement of the chair STING chair with the EKO.next (Tecnodent Italy) chair for floor-mounted dental chair only.
- Replacement of the chair upholstery with Memory Foam.
- Replacing of the chair upholstery with Soft Foam.
- Left rotary, detachable armrest.
- Right rotary, detachable armrest.
- Rotation of the seat (plus, minus 30°) relative to the vertical.
- Magnetic pillow "C95".
- UNI headrest.
- Trendelenburg position (at 15°, with automatic compensation of the backrest for a correct blood flow during the treatment).
- 3 programmable working positions.
- Narrow backrest EKO.next only (Tecnodent Italy).

Technical Specifications





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