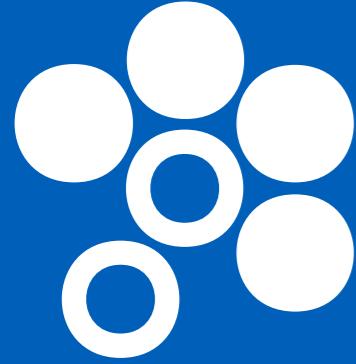


Due to our policy of constant technological upgrading, the technical specifications may be subject to change without prior notice.
According to the standards in force, in non-EU areas the availability and specifications of some products and/or features may vary. Please contact your local distributor for further information.



S210LR

THE VALUE OF VERSATILITY



STERN WEBER

MAXIMUM FLEXIBILITY

Adaptability for left-handed dentists through easy re-positioning; also ensures suitability for all clinical facilities. The S210LR responds to the growing need for flexible, compact equipment that can be used by dentists who practice in hospitals or multi-user surgeries.

LIMITLESS CHOICE

Part of a wide range that spans from integral to modular versions, this model can be configured so it matches customer needs precisely. Ranges from the patient chair only and extends all the way to the complete version with unit body, dentist and assistant's modules, foot control and operating light.

INSPIRED BY EVOLUTION

Advanced functions, control software for cutting-edge instruments and hygiene devices, all operated via an advanced control panel with LCD touchscreen. Thanks to in-depth data and dedicated functions, dentists can also perform root canal treatment. With S210LR, tomorrow comes closer.

YOUR TALENT INSPIRES US









MONITORING AND ASSISTANCE

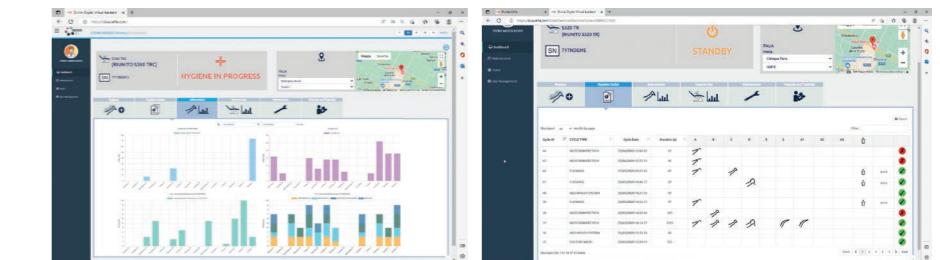


To keep pace with technological developments, the Stern Weber product range features Internet connectivity. This latest innovation provides access to optional digital services that improve dental surgery efficiency.

Di.V.A. (Digital Virtual Assistant)

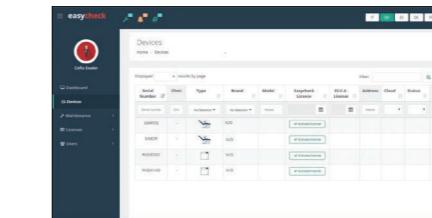
With Di.V.A., a user-friendly dashboard lets dentists or surgery owners monitor dental unit use, instrumentation and the disinfection cycles performed. Data can be obtained quickly and easily as it's managed on a web portal, accessible from any browser.

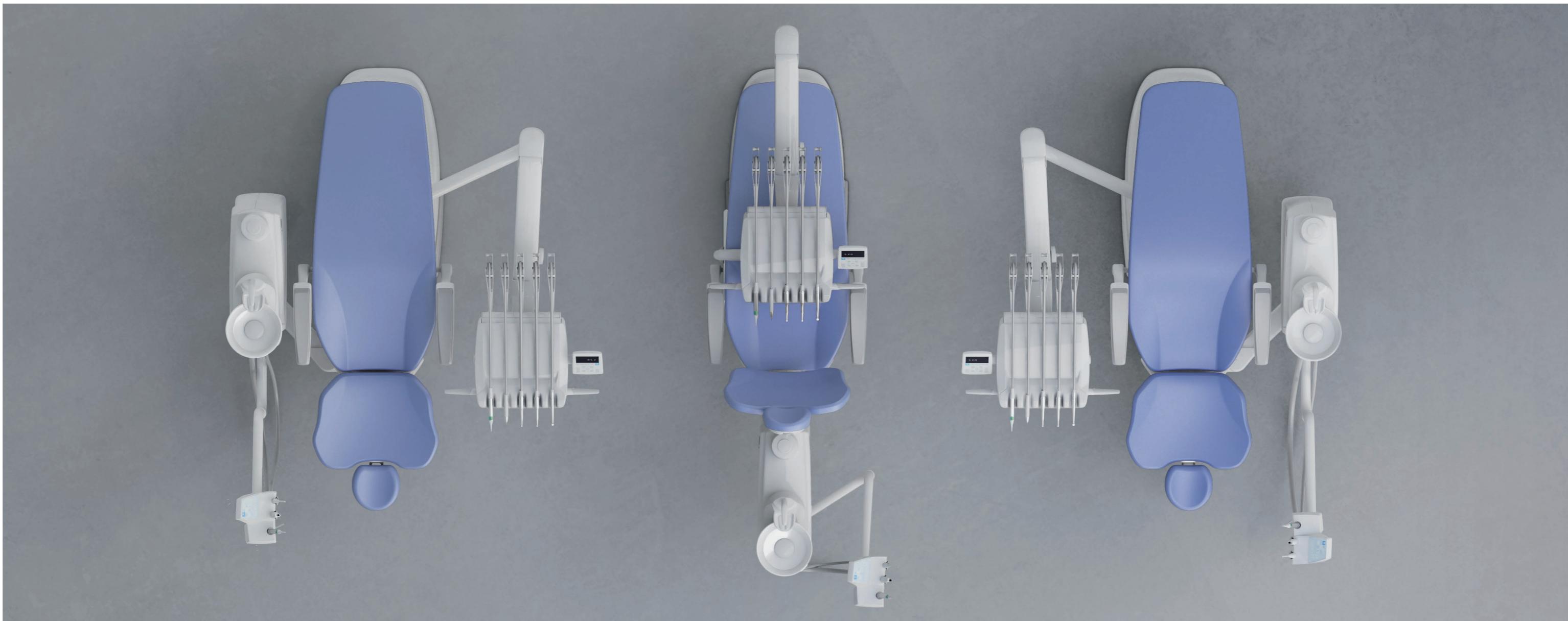
Where a patient sensor is present, users can accurately quantify effective use of the patient chair. What's more, Di.V.A. gives direct access to video tutorials and the user manual for the model in question.



easycheck

When linked to the web via EasyCheck, the dental unit can rely on real-time remote diagnosis and technical support: this valuable tool helps technicians speed up assistance and manage it more effectively.





Fully re-positionable without any need for technical adjustments

Ideal for multi-operator surgeries where both right-handed and left-handed dentists practice, the S210LR can be re-positioned in just a few quick, simple steps that require neither tools nor technicians. The switch can even be made by the assistant on his/her own.

The dentist's module rotates on the fixed pin under the seat; the unit body - arm and assistant's module included - can be moved from one side to the other after releasing the support.



Support release

Once the cover has been removed just free the mechanism that allows re-positioning from right to left and vice versa.



Re-positionable control panel

Continental model users can move the control panel to the opposite side of the dentist's module, thus optimising ergonomics and making the dental unit 100% ambidextrous. Just rotate the on-panel connector 180° and reconnect it to the tablet. The task takes less than a minute.





A unit designed to maximise flexibility in every situation

Everything on the Continental model has been designed to provide the dentist with an extremely flexible system. From the compactness and lightness of the dentist's module to the swing joints that allow instrument levers to move laterally without causing wrist fatigue, every single ergonomic aspect is designed to optimise mobility.

The dentist's module is light and compact. Instruments are easy to use thanks to generous tubing excursion and a tubing recovery arm system minimises interference with the operating light. The handle incorporates a pushbutton to release the pneumatic lock on the module,

helping the dentist position it perfectly after vertical adjustment. All this ensures the dentist can always count on perfectly positioned instruments and, therefore, maximum working comfort.



Orthodontic arm

Model designed for orthodontists with single chair. The arm complements the module with 5 holders, 2 of which are for dynamic instruments (to be chosen



from micromotor, scaler, and turbine). The control panel with alphanumeric display manages the chair, lamp and instruments.



Compact tray

The stainless steel tray is conveniently housed under the module. Position-adjustable, it can easily be used by either dentist or assistant. A compact tray of minimum size and bulk is available as an alternative.



SideFlex instrument levers

Removable and equipped with swing joints that also allow lateral movement, the levers alleviate wrist fatigue and are self-balancing. SideFlex instrument levers are available as an optional.



Extensive, fluid movement ensures working comfort in every position

Thanks to the broader arm system on the hanging-tube instruments model, the dentist's module can reach all the usual working positions around the patient. Made of light cast aluminium, the fixed arm can pass over the patient whatever the situation. A broad handle running the full width of the module makes module movement even easier. The handle can be removed for cleaning purposes. When placed in their holders, instruments are supported securely and arranged symmetrically to optimise ergonomics.

A large easy-to-read LCD touch screen is positioned above the instruments. Dentists

can control patient chair movements, hygiene systems and other integrated devices. Where the i-XS4 micromotor is available the instrument control panel also provides complete endodontic functions (including control of the apex locator, with data display during canal treatment).



Tray holder
Optional large transthoracic tray holder mounted on the International module.



Sixth instrument
The international dentist's module can be completed with an optional sixth instrument: camera or T-LED light.



Assistant's module
The module mounted on the double-articulated arm is height-adjustable and comes with three holders as standard. An optional 5-holder version can be used to hold other instruments such as a camera or T-LED light. The keypad incorporates controls that move the patient chair, switch on the operating light and operate the water-to-cup and cuspidor bowl rinse functions.





Instruments and software for endodontics and the new FLUO micromotors

The S210LR provides everything needed for endodontic treatment: instruments, the specific contra-angle to be used with the optional i-XS4 micromotor, electronics for precise control and adjustment of operating parameters (speed and torque).

Lighter and quieter than previous versions, the new brushless micromotors are now available with innovative FIT (Fluorescence-aided Identification Technique) technology. This identifies the presence of composite materials thanks to the fluorescence emitted by a LED integrated in the instrument.



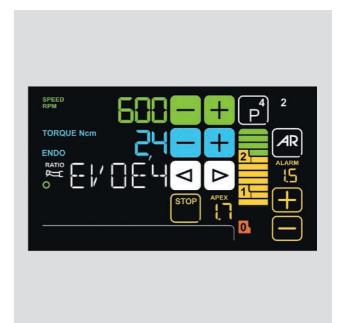
i-XS4 micromotor
Supplied as an alternative to the i-XR3 LED micromotor, the i-XS4 is suitable for conservative, prosthetic and endodontic dentistry. Speed ranges from 100 to 40,000 rpm and torque is adjustable. It features auto-forward and auto-reverse functions and is fully autoclavable.



SC Scalers
Ultrasound scalers, compatible with the best commercially available tips, for supragingival prophylaxis and periodontal tasks. Also suitable for the preparation of small cavities and usable in endodontic root canal cleaning techniques. Available with or without LED lighting.



T-LED
T-LED has an emission spectrum for activation of the latest-generation composites. It features a swivel grip and a user-friendly interface. The bracket programme - one of the seven available - consists of 5 brief rapid-succession emissions.



Apex locator
It allows the apex distance to be displayed during root canal instrumentation. The nearing of the apex is also indicated by warning buzzers and micromotor rotation is automatically disabled when the apex is reached.



Excellent comfort and outstanding style

Featuring new optional swivel arms, the slim-profile patient chair incorporates a movement control keypad on the side of the seat. Made of tough materials and featuring thoroughly tested mechanics, the patient chair offers excellent support and has a lift capacity of 160 kg.



Patient presence sensor
The automatic operating light switch-on/off mechanism - which can be enabled during installation or by the technical service - helps make the dental unit more sustainable.

Completely silent

The patient chair is equipped with Soft-Motion technology, which ensures both silent running and fluid, vibration-free movement.



Memory Foam
Exceptional comfort and proper anatomical support thanks to special upholstery options.



Standard backrest
Shaped so that dental staff can move closer to the patient during treatment. Suitable for adults, children and any treatment type.



Nordic backrest
Ensures lasting comfort during longer treatment sessions and is shaped to aid dentists working in 'indirect vision' mode.



Ataxis headrest
The headrest that faithfully follows the patient's anatomy. Ultra-simple fingertip release of the pneumatic lock allows orbital movement to achieve perfect positioning, vertical adjustment included.



Venus LED MCT - Venus LED MCT View

The Venus LED MCT lamp rotates on three axes to ensure perfect lighting of the operating field whatever the task or position. The No Touch sensor can switch the lamp on/off and adjust light intensity up to 50,000 Lux.

The innovative system makes it possible to provide just the right light for every clinical discipline, with 3 different temperature values: warm (4,300 K), neutral (5,000 K) or cool (5,500 K) light.

Absolute colour fidelity thanks to a rendering that scores more than 95 on the Colour Rendering Index (CRI, scale 0-100).

This feature changes the light wavelength to prevent the pre-curing of composite materials while ensuring optimum lighting of the operating field.

The Venus LED MCT View combines a 4K camera with PC software to capture ultra-high-definition images and videos.

The Smart Focus system features liquid lenses, ensuring fast, optimal digital focusing. In addition to smoothing practitioner-patient communication, the camera is also, thanks to recordings and multimedia streaming, a useful aid for clinical training, treatment documentation and academic disclosure. The Venus LED MCT View with integrated 4K camera is a powerful tool for sharing clinical information with patients to aid their understanding of treatment.

Venus Plus SCT - Venus Plus SCT Composite

Supplied as standard, the Venus Plus SCT is a LED operating light equipped with 4 light sources. Its high Colour Rendering Index (>90) delivers realistic, natural colour perception. Brightness can be adjusted from 3,000 to 50,000 Lux and, thanks to the large spot-lit area, optimises illumination of the oral cavity without generating annoying shadows. Removable handles for sterilisation; also equipped with an infrared sensor for switching on/off/adjusting intensity.

On the Venus Plus SCT Composite version there are - in addition to the four light sources - two central sources that generate a beam with specific wavelengths: these prevent pre-polymerisation of composites while ensuring excellent illumination of the oral cavity.



Live image sharing enhances patient confidence

Coupled with a latest-generation HD camera, the Full HD 16:9 medical flat-screen, tilt-adjustable monitor, resolution 1920 x 1080 pixels, with IPS control panel can be connected via cable to a PC. The LED light sources ensure high levels of contrast and brightness, while the IPS panel, which significantly broadens the screen viewing range, allows images to be comfortably viewed from any angle.



22" LED Monitor
The Full HD medical monitor is also available in a multitouch version that allows the screen to be positioned as desired.



C-U2 HD camera
The camera aids dentist-patient communication and, thanks to the slender handpiece design, it can reach distal zones with ease. Excellent depth of field eliminates any need for manual focusing. Speeds up diagnostics and generates material for documenting the treatment and completing clinical reports.



Macro Cap
An extremely useful accessory, Macro Cap can magnify up to 100x in ultra-high resolution. Three additional, high purity glass lenses optimise the lighting of details located close to the optical unit.



Zen-X X-ray sensor
Extractable sensor with USB lead located on the dentist's module, can capture high-resolution images with minimal radiation dosage. Able to be sanitised, the sensor comes in two different sizes and is IP67 certified against water and dust infiltration.



The instruments are inserted in the tray above the cupidor bowl throughout the **BIOSTER** cycle.

SAFETY SYSTEMS READY FOR ANY CHALLENGE

Meticulous design and certified devices ensure protection you can always count on

Free to configure the dental unit with a broad selection of active devices as desired, dentists can also count on a design concept with an array of features that safeguard patient and surgery staff alike.



I.W.F.C.

Activated via the control panel, the device ensures tubing is kept clean after the machine has been idle for some time.

Included in the **BIOSTER** system or available separately.



Cupidor bowl with optical sensor

The glass cupidor bowl rotates and can be removed for cleaning purposes. Incorporated in the cup and bowl fill unit, the optical sensor automates cup filling.



A.C.V.S.

Automatic system that carries out suction system sanitisation cycles between one patient and another. Practical and fast.



SANASPRAY

Tank with distilled water as an alternative to mains water.



Removable International handle

The handle can be removed for in-depth sanitisation; removal also makes it easier to clean the dentist's module and instrument control panel.

BIOSTER
S210LR can be equipped with the automatic **BIOSTER** system. This device performs fast, intensive disinfection cycles on spray water circuits. Each stage of the cycle is automatically controlled by the dental unit. Dentists can personalise settings as desired. The cycle stages are:

- Emptying of water in the ducts by introducing compressed air
- Withdrawal of disinfectant from tank and its introduction into the spray circuits
- Liquid remains in ducts for indicated time
- Liquid expelled with compressed air
- Flushing with (mains or distilled) water

By using Peroxy Ag+, the **BIOSTER** ensures high-level disinfection of the water circuit. Analysis carried out by the Sapienza University of Rome has demonstrated that the disinfection provided is sufficient to "eradicate all tested microbes from the piping of the dental unit, even with higher contamination levels."

DVGW
CERT
Anschlussicher
W 540

DVGW CERTIFICATE
The dental unit water circuit is EN 1717 compliant.



Removable Continental handle

The new dentist's module handle can easily be removed for thorough sanitisation.

S210LR	CONTINENTAL	INTERNATIONAL	CART	MODULAR CONTINENTAL	MODULAR INTERNATIONAL	MODULAR CART
HYGIENE SYSTEM						
BIOSTER	*	*	*	-	-	-
A.C.V.S.	*	*	*	-	-	-
SANASPRAY	*	*	*	*	*	*
I.W.F.C.	*	*	*	*	*	*
A.C.A.	●	●	●	●	●	●
DENTIST'S MODULE						
LCD touch screen	●	●	●	●	●	●
i-XR3 Micromotor with fibre optics (100 – 40,000 rpm, 3.3 Ncm)	●	●	●	●	●	●
i-XR3 L FLUO Micromotor with FIT technology	*	*	*	*	*	*
i-XS4 Micromotor with fibre optics (100 – 40,000 rpm, 5.3 Ncm)	*	*	*	*	*	*
i-XS4 FLUO Micromotor with FIT technology	*	*	*	*	*	*
Scaler (with and without fibre optics)	*	*	*	*	*	*
6-way syringe	●	●	●	●	●	●
Sixth instrument	-	*	*	-	*	*
Integrated X-ray sensor	*	*	*	*	*	*
Integrated Apex Locator	*	*	*	*	*	*
UNIT BODY						
Glass cuspidor bowl	●	●	●	-	-	-
Ceramic cuspidor bowl	*	*	*	-	-	-
Cuspidor bowl drive system	*	*	*	-	-	-
Cup fill sensor	*	*	*	-	-	-
Water-to-cup heater	*	*	*	-	-	-
Spray heating	*	*	*	*	*	*
Independent cannulae selection	*	*	*	-	-	-
Suction stop device on chair base	●	●	●	●	●	●
Assistant's tray holder	*	*	*	-	-	-
Assistant's module with 3 holders	●	●	●	*	*	*
Assistant's module with 5 holders	*	*	*	*	*	*
Venus Plus SCT	●	●	●	●	●	●
Venus Plus SCT Composite	*	*	*	*	*	*
Venus Plus MCT	*	*	*	*	*	*
Venus Plus MCT View	*	*	*	*	*	*
PATIENT CHAIR						
Atlaxis headrest	*	*	*	*	*	*
Adjustable right armrest	*	*	*	*	*	*
Adjustable left armrest	*	*	*	*	*	*
Patient presence sensor	*	*	*	-	-	-
Multi-function foot control	*	*	*	*	*	*
Pressure-operated foot control	●	●	●	●	●	●
Power Pedal foot control	*	*	*	*	*	*
Wireless multi-function foot control	*	*	*	*	*	*
Wireless pressure-operated foot control	*	*	*	*	*	*
Power Pedal wireless foot control	*	*	*	*	*	*

● as standard * optional - not available



STANDARD
198 Atlantic Blue
102 Mediterranean Blue
106 Pacific Blue
113 Indian Blue
132 Blueberry Violet
134 Japanese Wisteria
135 Venetian Red

115 Scottish Salmon
103 Nevada Yellow
123 Pompeian Green
101 Caribbean Green
132 Bright Silver
121 Anthracite Grey
130 Graphite Black

142 Anatolian Hazelnut
141 Papyrus Beige
143 Arabian Gold
140 Brazilian Brown
144 Ruby Red

198 Atlantic Blue
196 Mediterranean Blue
186 Pacific Blue
192 Indian Blue
186 Japanese Wisteria
194 Venetian Red

193 Pompeian Green
197 Caribbean Green
198 Bright Silver
194 Anthracite Grey
190 Graphite Black

195 Scottish Salmon
182 Nevada Yellow
193 Polynesian Green
186 Indian Blue
192 Japanese Wisteria
199 Venetian Red

172 Anatolian Hazelnut
171 Papyrus Beige
173 Arabian Gold
170 Brazilian Brown

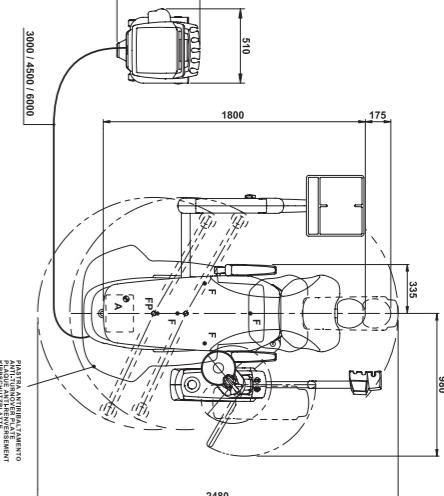
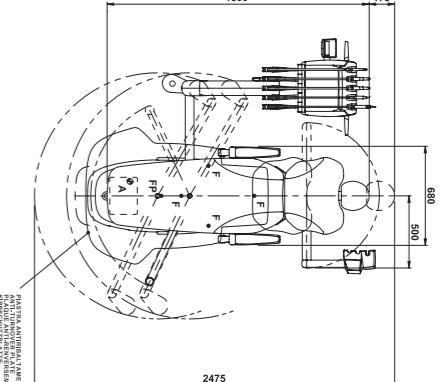
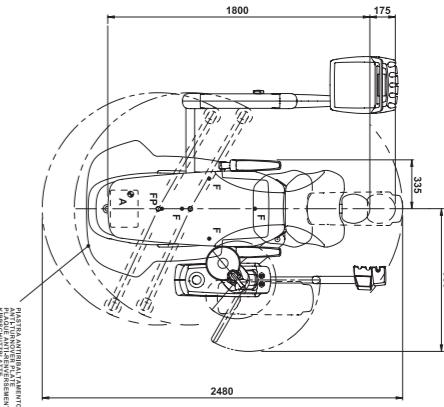
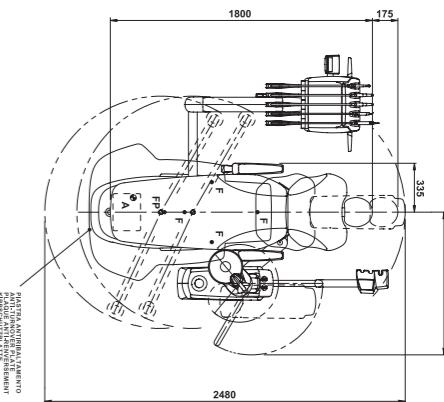
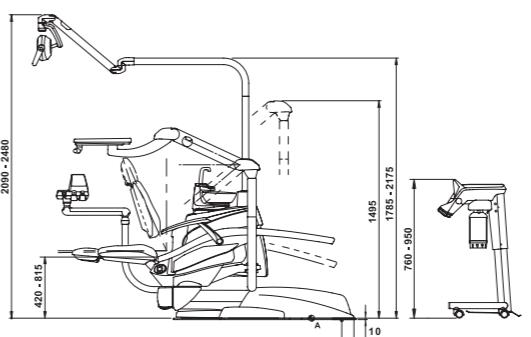
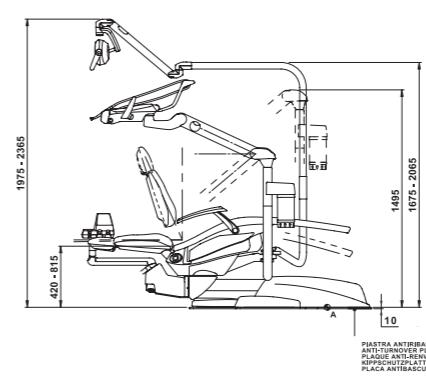
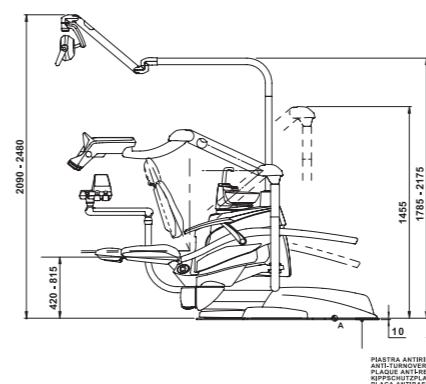
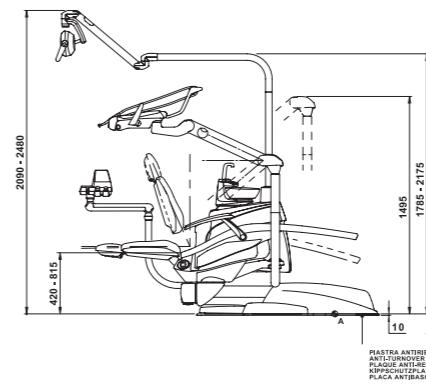
178 Bright Silver
179 Anthracite Grey

180 Graphite Black

PIASTRA ANTIRISALTO
ANTI-TURNOVER PLATE
PLAQUE ANTI-REVERSEMENT
RÜCKDREHPLATTE
PLACA ANTIRASCALACION

TECHNICAL SPECIFICATIONS

CONTINENTAL INTERNATIONAL MODULAR CART



Drawing measurements are in millimetres.