Reliability is a building block for evolution.

Our policy of constant technological upgrading means that technical specifications may be subject to change without prior notice.

According to the regulations in force, some products and/or features may have different availability and characteristics in areas outside of the European Union. Please contact your local distributor.
Evolution aims at perfection, finest details and rigorous constant improvement. Stern Weber’s DNA is based on the wonders of technology, on enthusiasm for innovation, on the strength of genuine novelty. Rigour and precision are the key aspects of each new product, and the shapes of new design infuse such products with life. We believe in flexible working, in the perfection of true talent, in the importance of concrete steps being made towards true progress. We foresee the future today to guarantee a more innovative tomorrow.
Built on the concept of permanent reliability, the evolution of Stern Weber integrated treatment centres has resulted in ever-better advantages in terms of performance, ergonomics and practicality. This capacity to adapt and evolve is the key strength of the S200. Whatever your needs, the first thing you require is a dental unit designed for intensive use. The scope for personalisation goes well beyond the usual standards and provides all the very latest innovations developed by Stern Weber.
Built to work for you
Designed to fit into your routine, each aspect of the treatment centre is conceived to help improve workflow and significantly reduce physical fatigue connected with incorrect posture, both for dentist and assistant staff.

Patient chair shaping enables easy access to the operating zone and the excellent scope of the instrument module, mounted either on the standard arm or a shorter 500 mm version, allows for outstanding versatility whether you are assisted or working alone. Further features include simple foot-controlled deactivation and reactivation of the suction cannulae, instrument tubing with quick-couplings and a choice of three types of module arms on the assistant’s side.

Arm options
The assistant’s module can be fixed via a simple single arm, a double-jointed arm or the vertically adjustable arm.

Optional extension
The assistant’s module can be fitted with an optional extension providing housing for camera and curing light.

Armrests
The assistant’s module can be fixed via a simple single arm, a double-jointed arm or the vertically adjustable arm.

Pneumatic lock
As an alternative to the standard mechanical lock on the instrument module arm, an optional pneumatic device can be fitted with conveniently located, push-button activation.

Rotating cuspidor bowl
The cuspidor unit rotates up to 270° and can be fitted with an optional motor-driven function. The velvet-finish tempered glass cuspidor bowl is also available in ceramic.

Optional extension
The assistant’s module can be fitted with an optional extension providing housing for camera and curing light.
Memory Foam
Optional Memory Foam padding ensures greater patient comfort and relaxation. Available in 8 colours.

Treat your patients to exceptional comfort
Stern Weber dedicates the utmost attention to the comfort factor. When a patient feels at ease your job is much simpler, workflow becomes more efficient and a patient’s assessment of treatment outcome is likely to improve.
In addition to the design features which create comfortable working conditions for you and your staff, S200 can be equipped with premium quality accessories to enhance the patient experience in every possible way.

Atlaxis - Universal
As an alternative to the standard Universal headrest, the pneumatic Atlaxis headrest can be positioned using just one hand. Without mechanical levers or brakes, the push-button release allows for fast, precise adjustments which respect the anatomy of the neck joints. Vertical extension is enabled via the support rod.

Memory Foam
Optional Memory Foam padding ensures greater patient comfort and relaxation. Available in 8 colours.
Effective control leads to effective treatment

Creating the ideal conditions for efficiency is the guiding principle for the range of control units available on Stern Weber treatment centres. As standard configuration, S200 is equipped with a highly intuitive 3-digit display panel which allows for instrument speed and power adjustments. This unit also incorporates a rear-lit X-ray viewer.

The optional LCD control panel, with easy-to-read icons, provides comprehensive data regarding instrument parameters and dental unit operating status, as well as additional keys for semi-automatic hygiene devices and all the customary keys for patient chair movements, lighting and other functions.

X-ray viewer
The ergonomically designed International module integrates both types of control panel and can be fitted with an optional panoramic X-ray viewer.

LCD control panel
The LCD control panel enables precision adjustments of the brushless micromotor, visualisation of sprayer status, independent supply bottle level and LED lighting intensity selection, and allows for the integration of Stern Weber’s BIOSTER S disinfection device.
Foot controls can be used to operate patient chair movement, activate Chip Air and Chip Water on the instrument in use and also activate the extracted instrument (with and without spray).

Power Pedal Foot Control
Pressure-operated Foot Control
Multi-function Foot Control

Venus Plus – L LED
- Light intensity from 3,000 to 50,000 Lux
- Adjustment via potentiometer or no-touch sensor
- Colour temperature: 6,500 K
- 3-axis rotation
- Low-thermal emission LED light sources
- LEDs guaranteed to work 50,000 hours

Venus Plus
- Light intensity from 8,000 to 25,000 Lux
- Potentiometer and soft-start device
- Colour temperature: 4,900 K
- 3-axis rotation

Venus (standard feature)
- Light intensity: 8,000 / 22,500 Lux
- Colour temperature: 4,900 K
- 2-axis rotation

Venus Plus – L LED
- Light intensity from 3,000 to 50,000 Lux
- Adjustment via potentiometer or no-touch sensor
- Colour temperature: 5,000 K
- 3-axis rotation
- Low-thermal emission LED light sources

Make the most of multiple options
What adds extraordinary value to the S200 unit is the wide-ranging availability of high-tech accessories which you can select to customise your ideal treatment centre. Over and above the ergonomic set-up, fourteen upholstery colourings, the choice of up to five additional hygiene systems, two control panels and Stern Weber instruments, you can opt for one of three different operating lights and five foot control units.
Benefit from the best levels of performance

An array of advanced instruments designed by Stern Weber, fully integrated with the treatment centre’s electronics and control units, is an option which can deliver the performance you need to confidently handle all aspects of conservative and prosthetic dentistry.

Whichever configuration you choose for the dentist’s module, you are sure to benefit immediately from user-friendly controls, top performance levels and an ergonomic design for each handpiece.

SC Scalers
Indicated for supragingival prophylaxis tasks of the periodontal type and for the preparation of small cavities and in endodontic root canal cleaning techniques. Power levels are shown on the display.

T-LED
Exclusive patented curing light with ergonomic 180° swivel-grip and 5 programmes for polymerisation and bonding tasks. Depending on the programme, delivered energy ranges from 11,250 mJ to 36,000 mJ.

i-XR3 / i-XR3L
Brushless micromotor with minimal maintenance requirements, cold-disinfectable, suitable for conservative and prosthetic dentistry. Optional LED lighting available with the 3L version.
• Torque up to 3.3 Ncm
• Speed range from 100 to 40,000 rpm
• Dimensions: 82 x 34 mm
• Weight: 67 g

Sixth instrument
On both versions (Continental and International), the dentist’s module can be fitted with an optional sixth instrument: camera or curing light.

Quick couplings
Tubing on both dentist’s and assistant’s modules can easily be replaced via the quick couplings.

i-XR3 / i-XR3L
Brushless micromotor with minimal maintenance requirements, cold-disinfectable, suitable for conservative and prosthetic dentistry. Optional LED lighting available with the 3L version.
• Torque up to 3.3 Ncm
• Speed range from 100 to 40,000 rpm
• Dimensions: 82 x 34 mm
• Weight: 67 g
Integration completes your professionalism

The major advantage of unit-integrated radio-diagnostics is speed and productivity. Immediate answers make treatment sessions efficient and conclusive. Cutting-edge equipment and the unrivalled user-friendliness simply transform S200 into a high-tech, high-performance treatment centre.

Consisting of an X-ray unit with wireless control, digital sensor and medical-grade LED monitor, the onboard system eliminates all the inconveniences associated with separate equipment installation.

RXDC – HyperSphere technology
DC X-ray unit with integrated 30 cm collimation, designed for digital radiology. Provides pin-sharp images thanks to a focal spot of just 0.4 mm.

Wireless handheld unit
The handheld wireless control device features 4 keys to adjust exposure and another key to take the X-ray. The RXDC automatically calculates the correct exposure on the basis of the selected anatomic area.

Ball joint
A spherical ball-joint and a lock/release mechanism activated by 2 touch-sensitive areas on the tube head ensure that positioning is both fast and precise.

Zen-X
X-ray sensor integrated on the dentist’s module. Well-built, ergonomic and available in two sizes, contains a CMOS sensor for high resolution images. Equipped with USB connection to provide greater versatility in the surgery. The sensor is IP67 certified.
Your working relationship

Gaining trust is based around a person-to-person relationship and the Stern Weber multimedia system is the fastest way to explain treatment, illustrate results and reassure your patients. Once your patient communication is supported by practical multimedia technology, you will discover the advantages of each single integrated device: a new high performance camera with HD sensor in the 16:9 format and a 22" flat screen monitor with LED technology and IPS panel.

22" LED Monitor

CE 1013/2 certified, the Full HD 16:9 monitor with a resolution of 1920 x 1080 pixels comes complete with a lead for connection to the PC. LED light sources ensure outstanding contrast and brightness. A multitouch version is also available.

Double-jointed arms

For the multitouch version the optional double-articulated arm is recommended to move the screen in closer or further away from the operating zone. The screen is also tilt-adjustable and thanks to the IPS panel, which significantly increases the viewing angle, the images can be seen comfortably from any position.

C-U2 HD camera

A digital camera with HD sensor and glass optics, the C-U2 provides high-resolution images in full-screen format on the LED monitor. The optical system with 7 glass lenses and a f/8 aperture guarantees excellent brightness and an extensive depth of field (min. 5 mm max. 70 mm) with any need for manual focussing. The backlit multi-function button enables the operator to freeze frame images and to subsequently store them.

Your working relationship

Gaining trust is based around a person-to-person relationship and the Stern Weber multimedia system is the fastest way to explain treatment, illustrate results and reassure your patients. Once your patient communication is supported by practical multimedia technology, you will discover the advantages of each single integrated device: a new high performance camera with HD sensor in the 16:9 format and a 22" flat screen monitor with LED technology and IPS panel.
Raise the standards to your rank

When you opt for a Stern Weber treatment centre, you can personalise most aspects exactly as you wish. This is particularly true when selecting from a vast array of hygiene solutions which ensure you and your patients are protected in the best possible way. And it is even more true in the case of the S200 unit.

All components, large and small, are designed to minimise risks of contamination. Surface finishing, special plastics and autoclavable materials are part of an all-inclusive passive hygiene concept. Active devices and easy-to-use, scientifically proven sanitisation procedures can be chosen according to specific requirements. What you benefit from, above all, is Stern Weber’s yearlong experience in the field.

Orrù et al. - Evaluation of Antimicrobial - Antibiofilm Activity of a Hydrogen Peroxide Decontaminating System used in Dental Unit Water Lines - The Open Dentistry Journal, 2010; 4: 140-146
Orrù et al. - Valutazione dell’attività antimicrobica di un sistema decontaminante a base di perossido d’idrogeno. Risultati in vitro e su riunito odontoiatrico - Il Dentista Moderno 2006; dicembre: 60-71
### HYGIENE SYSTEMS

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<th>HYGIENE SYSTEMS</th>
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<th>CONTINENTAL</th>
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<td>BIOSTER S</td>
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<td>SANASPRAY S</td>
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### DENTIST’S MODULE

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<td>Control panel with LCD display</td>
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<td>Micromotor up to 100,000 rpm</td>
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<td>Micromotor up to 16,000 rpm</td>
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<td>Midwest module with f.o.</td>
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<td>SC Scalers (with or without f.o.)</td>
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<td>4-way springs</td>
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<td>Sash instrument</td>
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<td>X-ray viewer for panoramic X-rays</td>
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<td>Integrated X-ray viewer</td>
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### UNIT BODY

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<td>Ceramic cuspidor bowl</td>
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<td>Cuspidor bowl drive</td>
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<td>Spray heating</td>
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<td>Independent cannulae selection</td>
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<td>Multimedia applications</td>
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<td>Assistant’s tray-holder</td>
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<td>Venus Plus-L LED operating light</td>
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### PATIENT CHAIR

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<td>Child’s cushion</td>
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<td>Multi-function foot control</td>
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<td>Power Pedal foot control</td>
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<td>Multi-function/swivelled foot control</td>
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<td>Full seat cover for patient chair</td>
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* as standard  • optional  - unavailable

Dimensions are quoted in millimetres.