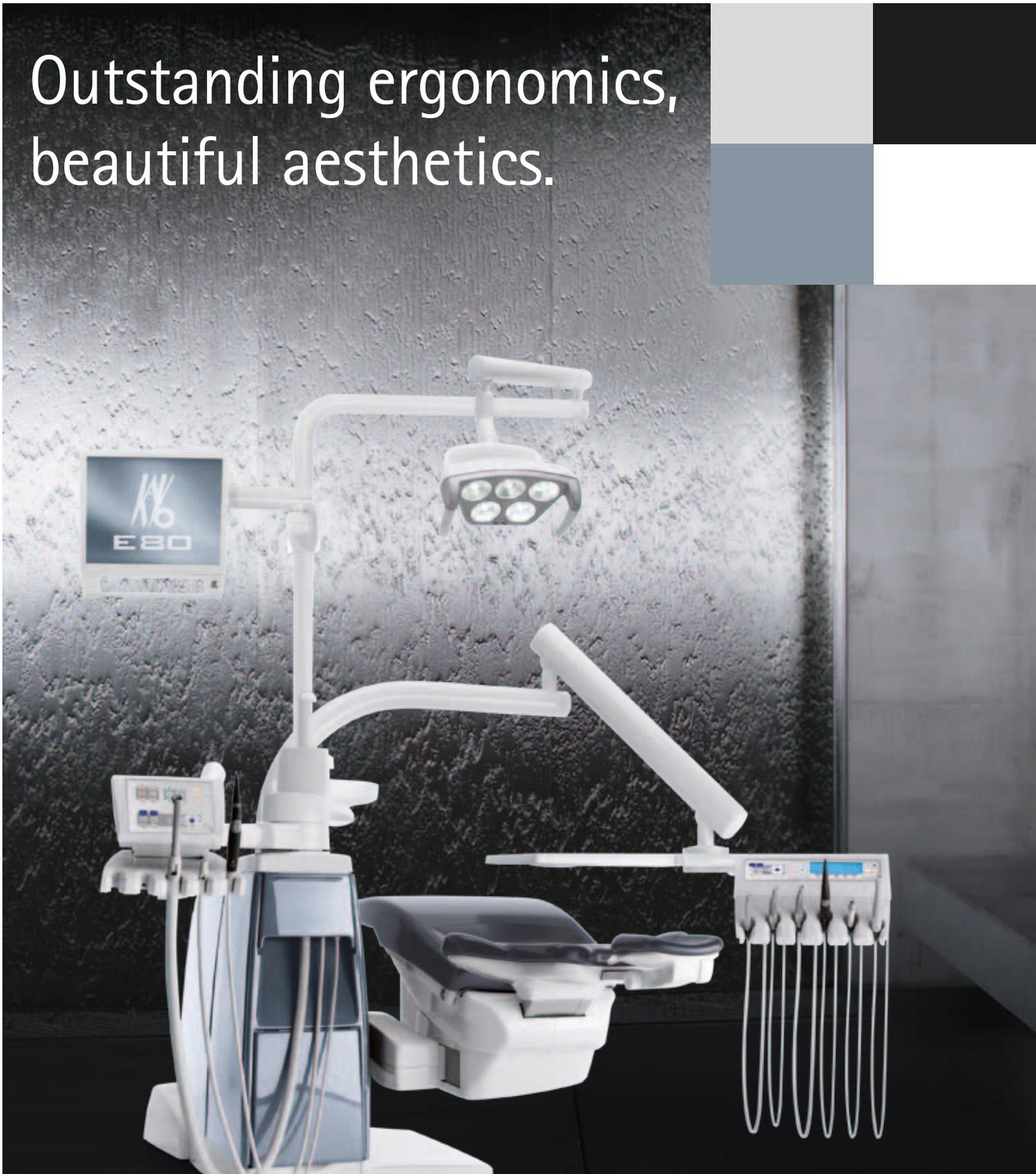


KaVo ESTETICA® E80

Outstanding ergonomics,
beautiful aesthetics.



KaVo. Dental Excellence.

The art of intelligent working – the KaVo ESTETICA E80.

It started with a clearly defined mission: how can KaVo provide dentists with a treatment unit that makes optimum work into a matter of course for every single patient? The simplest answer: with components that integrate intelligent cutting edge technologies and that with their tried & tested quality and precision enable completely reliable treatment.

Grasp the opportunity – of relaxed working in any position.

Innovation for more legroom.

The innovative suspended chair concept gives you the crucial freedom of movement. The area beneath the KaVo ESTETICA E80 patient chair is completely free for you and your assistant. You have more than enough space for comfortable leg positioning and a relaxed seated position. Your work processes become less tiring and therefore more efficient.

Safe and comfortable in accordance with the Trendelenburg approach.

Depending on the inclination of the backrest, the footrest of the patient chair either lifts or moves through an arc. The elevated positioning supports the patient's circulatory system. The combined movement prevents compression and extension of the patient during backrest adjustment. The automated Trendelenburg movement maximises safety and comfort both for you and your patient.

Our focus is on your health.

KaVo ESTETICA E80 perfectly adapts to your body size, your individual working positions and your preferences. Perfect conditions for an ergonomic and strain-free posture. Treatment is much easier and efficient, working processes are always optimised. Thanks to the variable chair height of between 350 mm and 900 mm, you gain complete flexibility – even when standing.



The cart version of the ESTETICA E80 – extremely mobile, height-adjustable and always exactly where you need it.



The optimum position every time— increased comfort for all involved.

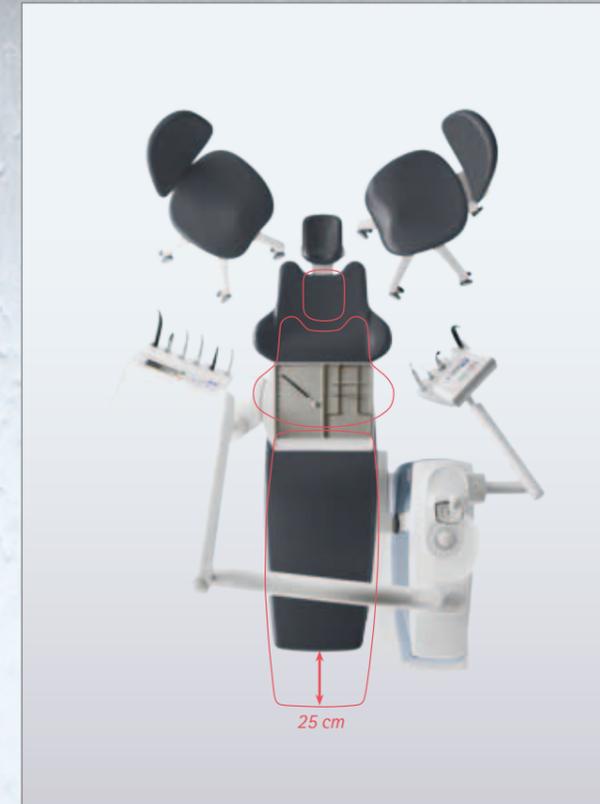
The best position for your patients.

Your patients will experience a new level of comfort with the seat elevation system. The motorised adjustment of the seat surfaces to the patient's needs and ensures that the patient is always in a relaxed position. The patient chair of your KaVo ESTETICA E80 is so flexibly adjustable that even patients with a hollow back or rounded shoulders will feel comfortable. The resting surface is flat, even in maxillary treatment of children. A soft cushion is also available for your patients.



You and your patients can enjoy the comfort of the motorised chair elevation system, exclusively offered by KaVo.

The automatic compensation provided by the horizontal movement always presents your patient's head at precisely the right angle, irrespective of whether the maxillary or mandibular region is being treated.



Use the horizontal movement as required, for example to provide space for a 2nd assistant or to add a stand-alone additional medical device.

Increased flexibility and precision, thanks to horizontal movement.

Your working zone, the patient's mouth, is positioned by the adjustment options of the KaVo ESTETICA E80 so that it is always in the same vertical plane, even if you move the patient chair between maxillary and mandibular treatment positions. You do not have to change your position and readjust the lights and dentist's element.

Slow-motion for increased comfort.

The slow motion function of your KaVo ESTETICA E80 means that the patient chair to be moved both in vertical and horizontal directions in slow motion. You will particularly appreciate this function when using a microscope or when treating elderly patients.

The patient chair and unit body – the features and advantages:

- Suspended chair for optimum legroom
- Horizontal movement of up to 25 cm – for constant positioning of the patient's head
- Chair positions of 350 to 900 mm for comfortable working while seated and standing
- Noise-optimised chair motors with soft start
- Motorised chair elevation
- Trendelenburg movement, soft cushion and much more

Everything perfectly under control – the intuitive dentist element.

Entirely according to your needs – individual and intuitively simple.

Depending on how you work, place your instruments wherever you need them. Your control unit keeps all the functions at hand, when and where you intuitively expect to find them. Access all important functions directly and comfortably, saving valuable time. The motor speed and intensity memory can be adjusted according to indication. You can react flexibly during treatment and access the respectively required speeds. The individually articulating and adjustable service table can be optimally accessed in any treatment situation.

Integrated and precise, high-performance endo- and surgical-drives.

As your KaVo ESTETICA E80 is designed for ergonomically optimised work processes, endo- and surgical-drives are integrated into your treatment centre.

The advantage: your workflow is smoother and more efficient, distances are measurably shortened and you do not have to acquire additional drive systems for endodontics and implantology.

You can determine the most practical combination yourself.

The dentist element of your KaVo ESTETICA E80 forms a functional link between you and your assistant. The instrument holder for six instruments with an integrated service table can be easily and precisely moved in all directions. You and your assistant thus have direct access to all necessary instruments. Your dentist element can be individually configured according to your individual requirements.

Whether you prefer the table or cart version, your dentist's element has the standard six places for your instruments and the intra oral camera.

Be prepared for the future – with integrated USB interfaces.

Simply connect additional USB devices via the USB interface of your KaVo ESTETICA E80. It is particularly easy as no additional settings normally need to be made to connect a USB device. Your treatment centre automatically recognises what has been connected to it.

The control panel offers practical direct-selection keys and you can easily control the multimedia functions of your KaVo ESTETICA E80, either by using the display screen or footswitch. The pneumatic brake allows the dentist's element to be easily moved and ensures stable positioning.

High-end endodontics.

With your KaVo ESTETICA E80, you will get a new, brushless and sterilisable INTRA LUX KL703 LED micromotor. Besides its very wide speed range from just 100 rpm to 40,000 rpm, it also has a special endodontic function, with precisely adjustable torque limitation. Depending upon the gearbox ratio of your handpiece, you can freely program torques from 0.15 Ncm to 8 Ncm, using the selection keys of the dentist element. For an ideal workflow, you can also save the parameters for different endodontic work steps.

Perfectly adapted to surgery.

If you wish, you can obtain the KaVo SL 550 surgical motor as a seventh instrument. Exclusively from KaVo: with the KaVo LUX surgical handpiece directly attached to your KaVo ESTETICA E80, you have the unrestricted functions of a modern, dedicated, oral surgery device. Your treatment centre automatically recognises which of the KaVo LUX surgical handpieces you are using and adjusts the software to the correct gearbox ratio. You can freely select and create program steps according to the implant type. The maximum torque of each step is measured and provides you with important information for evaluating the primary stability of implants.



Thanks to your KaVo ESTETICA E80 with its integrated endo- and surgical-drives, there is no longer a need for stand-alone endo or surgical devices.

The dentist's element and tools – main features and advantages:

- Modular, configurable and extendible
- Improved Micromotor INTRA LUX KL703 LED with wide speed range from 100 rpm to 40,000 rpm
- ERGOcam intraoral camera
- Adaptable SL 550 surgical motor with real-time torque control
- Adjustable service table with holder for two standard trays
- Pneumatic brakes with sensor
- USB interfaces
- Generous shelf space on the element
- Intuitive, simple and logic operation by direct-selection keys



Introducing the all singing, all dancing, assistant element!!

Future-proof equipment for first-class and continuous results.

The KaVo ESTETICA E80 fits seamlessly into your dental team. It adjusts to the treatment positions desired by your assistant and supports him/her with all required instruments. All important functions are perfectly and ergonomically presented and operation is intuitive and simple, by direct-selection keys for all chair, hygiene and instrument functions.

The assistant element is not only freely configurable, it offers completely new options for your team. For example, integrate a curing light or an additional surgical suction system. The treatment unit can be quickly adapted to various treatments. With an individualised configuration, promote teamwork and efficiency in every process. The almost automatic result is a smooth treatment process.

Since your assistant element is fully compatible with your dentist element, the chair, hygiene and handpiece functions, are always easy to call-up, using the direct-selection keys.

Assistant element – main features and advantages:

- Easy and intuitive operation by direct-selection keys
- USB interface
- Additional instrumentation such as curing light Satelec MiniLED
- Maximum flexibility from the adjustable height and wide pivoting range



Easy handling, with individually adjustable withdrawal angles, for both suction tubings and handpieces.

Intelligence, right to the tips of the toes – the comfortable foot control.

For a naturally healthy foot and leg position.

Foot movements for precise functional control, represent a decisive benefit compared to other, non-KaVo foot controls. The KaVo ESTETICA E80 foot control is operated by heel-pivoting of your foot to the right and left, instead of hinging your foot up and down at your ankle-joint. Precise handpiece speed/intensity is therefore not controlled by differing muscle tension, but with the gentle, relaxed movement of your foot, to the left or right. Thus, your leg muscles remain relaxed, even during prolonged treatments.

Hygiene is a natural result.

To prevent cross-contamination, there is hardly a more important method than avoiding contact. All frequently required functions can be operated via the foot control during treatment. Thus, the intelligent KaVo foot control prevents transmission of germs within your practice.

Freely positionable – the innovative wireless foot control.

In addition to the foot control with a cable, you can choose a cable-free wireless foot control for your KaVo ESTETICA E80 and enjoy greater freedom of movement. The functions and outstanding control concept are identical to those of the cable-connected device, so there is no readjustment. Thanks to KaVo's own, innovative wireless technology your wireless footswitch in a completely fault-free and secure manner. Its high-performance rechargeable battery stores enough power for about two months, and it only takes two hours to recharge. Of course, there is no self-discharging or memory effect, so you can rely on your wireless foot control at any time.

KaVo foot control – main features and advantages:

- Control chair, instrument and multimedia functions
- No fatigue thanks to left / right foot movement
- Easy precise speed control
- Improved hygiene, especially the avoidance of cross-infections
- Thanks to the suspended chair design, it can be placed anywhere, including directly under the patient's chair
- Wireless foot control (optional), with signal transfer without delay, for increased comfort and hygiene



Much easier than "accelerate and brake technology": the speed is precisely controlled with a gentle right/left pivoting movement of your foot. Fatigue and muscle-tension become things of the past.



Individuality is the basis of personality –
the KaVo ESTETICA E80.

Your choice of equipment should reflect who you are and not just the work that you do. Be individual. The KaVo ESTETICA E80 can be customised to suit your specific needs and wants, so that the entire unit reflects both your work and your personality.

The treatment centre speaks the language of your practice – brilliant colours and innovative design.

Modern, classic, warm or subdued – but individual in every case.

You choose the ambience of your practice. Do you have classical tastes, or do you want to set accents with your own colour combinations? Express yourself with the KaVo ESTETICA E80 – it fits in with your individual taste and the design of your surgery.

Designed for now and the future, your KaVo ESTETICA® E80 offers you both technology and design as a solid investment. Classical shapes and colours that you choose create an environment in which both the assistant and patients feel comfortable.

Colours and design –
main features and advantages:

- More than ten colours for hard surfaces and upholstery
- Individual colour combinations
- Timelessly modern, attractive design



Select your personal KaVo ESTETICA E80 from over 100 possible combinations and variations.

Create your own environment – modern, stylish and comfortable.

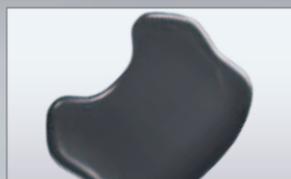
Relaxed and comfortable – in any position.

Elderly patients have different needs to younger patients and children. This is determined not just by physical factors but also by inner attitudes. The KaVo ESTETICA E80 supports you with its adaptability so that each of your patients feel comfortable under treatment. By adjusting the bar length and motorised elevation of the seat, your KaVo ESTETICA E80 can be adapted to any body size.

Noise-optimised drives help relieve your patients' anxiety about the movements of the treatment unit. The magnetic wedge attachment – your individual magnetic soft cushion – means that your patients lie comfortably, even during long procedures. Select the appropriate back rest for your preferred treatment position.



Progress backrest: correct working posture and optimum access for the dentist, especially when treating children. Comfortable positioning for persons over 1.90 m tall.



Comfort backrest: maximum comfort and wide shoulder rest for patients. Good shoulder support for patients over 1.95 m tall.

The all-important head position.

The position of the patient's head and mouth determines the comfort of patient and your ability to treat them well. That is why the action of the KaVo ESTETICA E80 headrest is designed to let you smoothly adjust the neck angle. The fixed positions are precisely adapted to the anatomy. You determine the mode of adjustment. Either motorised or manually with a pneumatic lock.

Thanks to longitudinal compensation via the integrated, spine-length adjustment, the Comfort backrest grants optimum ergonomics and maximum comfort for your patients.



You can choose either a motorised, or manually-adjustable headrest. No matter which you decide: the special magnetic wedge attachment is also available.

Patient positioning – main features and advantages:

- Two backrests with soft upholstery to choose from
- Headrests: motorised or manually adjustable
- Left or right arm rest as desired
- Spine length adjustment and backrest arc segment
- Magnetic wedge attachment

Concentrate on the most important things – multimedia systems with added value.

Easy networking – with ERGOcom light.

Connect all your systems easily: your practice computer, the treatment centre and other media. Through this connection technology, you may call-up the most recent patient data on the 17" display of the KaVo ESTETICA E80 together with relevant X-ray, microscope and camera images or images from the PC. Without any delay and without you or your assistant having to leave the room. ERGOcom light is your simple, optional solution for this purpose.

To use your ERGOcom light, you do not need a PC connection nor do you have to lay cables. Its functions may be controlled either by foot control or through the dentist's element of the KaVo ESTETICA E80.

ERGOcom light Multimedia – highlights and advantages:

- Camera images can be viewed without a computer
- Simultaneous display of four camera images
- Camera, computer, microscope and X-ray images, viewable on the treatment centre's monitor display
- Hygienic operation by foot control

More light, more precision – intraoral images of supreme quality.

Increased vision means increased detection. Perfect intraoral images provide optimal support when treating your patients. The new KaVo ERGOcam intraoral camera creates detail images with the greatest resolution and excellent colour reproduction. Thanks to state-of-the-art CMOS chip technology, you get images of the very highest quality, in particular, in the gingival area. Handling is easy and comfortable, thanks to the slide control and defined focus positions.

The ergonomic ERGOcam intraoral camera fits snugly in the hand and delivers impressive images, thanks to its impressive 40,000 LUX intensity.



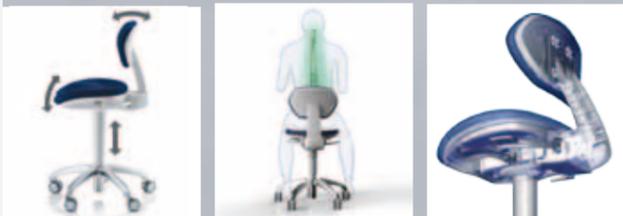
Explain your diagnosis and procedural steps to your patients, using precise and detailed images or document your treatment.

Comfort made beautiful.

It's all about your back.

For dentists, it is particularly important to assume a steady, ergonomically healthy and comfortable body posture in any treatment situation. And nothing influences your body posture as much as the work chair upon which you sit every day.

KaVo is renowned for making products that optimise both ergonomics and comfort. Following this tradition, the new KaVo PHYSIO Evo is designed to perfectly meet the needs and work-flows of dentists and dental assistants.



Ergonomics and comfort in perfection: with the KaVo PHYSIO Evo, you always sit with a healthy, natural posture.

Correct posture is key.

The intelligent chair concept of the KaVo PHYSIO Evo meets the highest demands on an ergonomic sitting position. Thanks to independent adjustment functions, the seat and the backrest can be set individually to suit your anatomical requirements and personal treatment style. The most comfortable sitting position allows for the smoothest workflow.

Ergonomics are a matter of detail.

The backrest and seat cushion of the KaVo PHYSIO Evo are ergonomically shaped. The central ridge in the seat cushion provides stable sitting and prevents any sliding even in case of short, quick rolling motions. The rounded thigh support allows for a lot of freedom of motion.

Thanks to the spring force-supported backrest, the back muscles – in particular in the lumbar region – are permanently actively supported and thus continuously protected.

An excellent concept.

The KaVo PHYSIO Evo working chair has been awarded the seal of approval of the German association "Campaign for Healthier Backs" (AGR). An independent, multidisciplinary expert commission bases this award on strict test criteria regarding ergonomics and health.



Innovative design goes hand in hand with renowned KaVo quality

Form and colour sit well together.

The KaVo PHYSIO Evo has a lean, modern design and is available in a large variety of colours. The compact design and small diameter of the base offer plenty of freedom of movement even in confined spaces. The colour range of the KaVo PHYSIO Evo matches the colours of the KaVo ESTETICA E80, E70, and E50 treatment centres.

Quality you can count on – made by KaVo.

High-quality materials produced to the highest KaVo standards plus comprehensive endurance tests guarantee a long service life. Likewise, the KaVo PHYSIO Evo allows for quick and reliable hygiene: all components used in manufacturing have been assembled with the lowest gaps and the surfaces are easy to clean.

Dental excellence pays off.

An ergonomically healthy sitting posture may have a significant influence on the profitability of your practice. Because in the long term, continuously working with a healthy posture and not experiencing any health issues is priceless for you and your employees.



An extremely lean base for plenty of freedom of motion and soft, braked castors for controlled rolling motions.

All benefits at a glance.

- Perfect ergonomics with maximum comfort for healthy and fatigue-free working
- Perfectly finished KaVo quality for trouble-free performance in the day-to-day operations of your practice
- Attractive colours and a modern design for an individual configuration of the practice
- Best hygiene thanks to precisely tuned components with very small gaps and surfaces that are easy to clean



ruby red berry crimson chocolate brown orange mint reed green ocean blue night blue royal blue black anthracite pearl grey



Ready for the future even today – this is how you will work in the future.

Natural, innovative and comfortable – the 5-star light for your practice.

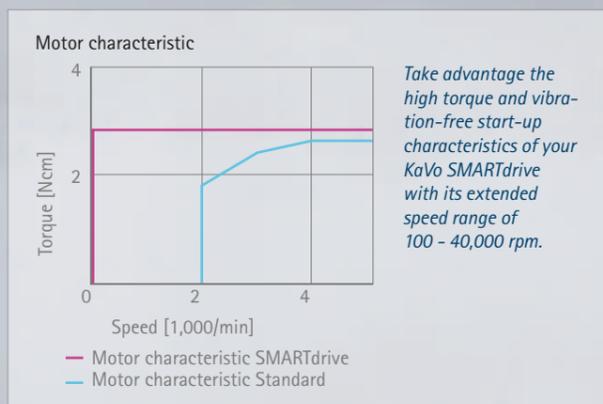
A treatment light which will change your vision of how things are: KaVoLUX 540 LED ensures natural white light with the highest quality from a unique visual system with up to 40,000 LUX and four different-coloured LED's for natural white light of the highest quality. The uniform, shadow-free light field offers the highest level of treatment comfort. The excellent colour reproduction value, also allows you to do an exact comparison of tooth and composite colours, using the operating light mounted on your KaVo ESTETICA E 80. The colour-temperature of the KaVoLUX 540 LED, can be set to your individual needs, on five different levels and the innovative COMPOsave mode, filters-out all blue light wavelengths and thereby slows down the curing of filling materials. It is thus possible to mould light-cured materials at a relaxed pace, without having to dim the light. With the locking 3D-joint, the KaVoLUX 540 LED offers maximum flexibility in its settings and due to touch-free operation, is both convenient and hygienic in use.



Simply hygienic: removable handles and smooth interfaces, allow rapid and thorough disinfection. The touch-free operation, ensures minimum risk of cross contamination and therefore maximum safety for your patients.

SMARTdrive power and sensitivity, taking you into the future.

Precise, efficient, and time-saving working conditions are produced by the new SMARTdrive motor control, with full torque and particularly vibration-free start-up characteristics, even in the low speed range of 100 rpm. The extended speed range means that caries removal and polishing are now possible with only one contra angle hand piece. This negates the need for swapping instruments, saving valuable time during treatment. Furthermore, you save money in reducing instruments, as SMARTdrive can cover a large speed range.



Take advantage the high torque and vibration-free start-up characteristics of your KaVo SMARTdrive with its extended speed range of 100 - 40,000 rpm.

A star performer also in relation to safety and hygiene: removable thermoisinfectable grips and enclosed housing with smooth surfaces.



red dot design award: The design of your KaVoLUX 540 LED is perfectly thought-out. Its modern LED technology produces perfect light even for the most challenging situations to ensure perfect working conditions. "red dot" stands for innovative product solutions and high quality.

Evolution is a question of adaptation – and the right equipment.

The dentist and assistant elements are highly flexible.

Do you know what you want? There is practically no limit to the available handpieces for the dentist and assistant elements. Equip yourself and your employees to best conform to your style of work. The KaVo ESTETICA E80 adjusts to the requirements of you and your team and is open for new instruments and extensions.

Ready for the future.

Irrespective of your specialist area or whether you wish to use the whole spectrum – your KaVo ESTETICA E80 adapts to your needs and wishes: whether endodontics, surgery and physiological saline solution pump, X-ray picture holder, multi-function syringe and much more. A world of equipment is in your hands. As universal interfaces, the MULTIflex and INTRAmatic coupling systems of your dentist element are genuine all-rounders.

Experience the future and a completely new, relaxing working environment with KaVo COMFORTdrive or the new and powerful KaVo INTRA LUX KL703 LED electric micromotor. Feel the new balance of lightness and power for even more precision in every working step.

Individualised features – main features and advantages:

- KaVoLUX 540 LED with natural light of the highest quality and comfortable, no-touch operation
- Flexible features for the dentist and assistant elements
- Integrated SMARTdrive for precise work in the low speed range
- Supports various treatment specialisations, in accordance with requirements
- Future-proof, standardised interfaces for uncomplicated use and expansion
- A wide selection of additional, intelligent features, which are also retrofittable



Maximum performance that eclipses competitors – KaVo INTRA LUX KL 703 LED.

Impressive power and handling – KaVo INTRA LUX KL 703 LED.

With the new, maintenance-free, brushless KaVo INTRA LUX KL 703 LED micromotor you will directly experience top performance. It is SMARTdrive-optimised and offers a wide speed range from 100 rpm to 40,000 rpm with a 1:1 "direct-drive" handpiece. Thanks to its weight reduction of 30% and its 25% smaller design, it offers perfect ergonomics and optimum balance, with excellent weight distribution. It offers more than just sufficient power at any treatment situation and enables more precise handling, with simultaneous stress-free working. For simple hygiene, the INTRA LUX KL 703 LED can be sterilised and features a long service-life, 25,000 LUX LED, for perfect illumination. Extraordinary performance characteristics, for extraordinary treatment results, day after day.



KaVo INTRA LUX KL 703 LED: smaller, lighter and with perfect distribution of weight.



Optimum balance of power and output – KaVo COMFORTdrive.

More power, more speed, less weight – KaVo COMFORTdrive.

With COMFORTdrive, KaVo is leading the way in a new era in dental instrument design. COMFORTdrive combines the advantages of turbines and speed-increasing handpieces in a single solution. With its speed range from 30,000 rpm to 200,000 rpm, it is suitable for all clinical procedures and fits snugly in the hand. The centre of gravity is perfectly positioned, so that there is less strain on your hand and fingers. In a first for a contra-angle handpiece, the KaVo COMFORTdrive integrates an electric micromotor directly into the instrument. The weight of the KaVo COMFORTdrive has thereby been reduced by approximately 40% in comparison to its predecessors. This has a positive effect on the distribution of weight and stress while working.

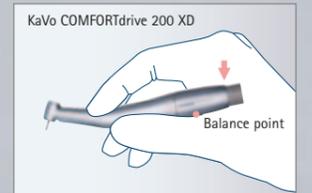
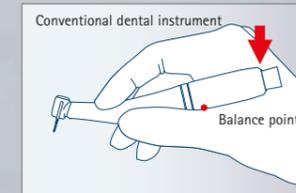
Treat your patients quickly and effectively with the PiezoLED.

The new PiezoLED scaler provides you with high-precision and effective dental cleaning for your patients. The integrated titanium sonotrodes of the PiezoLED grant controlled linear oscillations enabling time-saving and efficient treatment of patients. Teeth and gingivae remain undamaged, even in delicate areas, due to the higher accuracy of your work.

The circular light array, produces optimum viewing conditions for you and in combination with the lightweight and ergonomic design, you can always treat your patients under ideal conditions.

Shorter is better – improved balance for increased precision.

By integrating the micromotor, the overall length of the KaVo COMFORTdrive is reduced by 20% in comparison to conventional handpieces. This is achieved by dispensing with the transmission gear inside the handpiece. Small and handy – treatment is made easier and more precise.



The perfect balance for stress-free working: the heavy section, distal to the balance point of the KaVo COMFORTdrive handpiece has been substantially reduced. The finger pressure required to control imbalance during work, is noticeably less.

The lightest and easiest-to-use, electrically-operated dental handpiece in the world: KaVo COMFORTdrive.



Individualised features – main features and advantages:

- Improved INTRA LUX KL 703 LED micromotor with wide speed range from 100 to 40,000 rpm
- Latest handpiece technology with COMFORTdrive for even more relaxed and efficient preparations
- PiezoLED for efficient and time-saving patient treatment

PiezoLED: the innovative ultrasonic technology, for the highest standard of patient treatment.



Well equipped for the future – the individual Centro mounting system.

Improved processes thanks to the principle of shortest distances.

Optimise your personal ergonomics with the Centro. All of the steps you perform are incorporated into one harmonious process. Your procedures become calm and relaxed, which your patients can also appreciate. The common centre point for key equipment allows full concentration on the task at hand and everything is within arm's reach.

A solid investment in the future of your practice.

The Centro is absolutely stable with its two-point attachment to the ceiling and floor. It has numerous "industry-standard" adapters to which you can attach your dental equipment. Four continuous service channels and a free insertion access clear electrical lines out of your way.

Your Centro is also a good investment for the future: You get individual configuration and expansion options for future technologies independent of the various service lives of the individual components. The technical equipment can always be updated to the latest developments. Exchanges and upgrades are fast and easy, without interrupting the work of your practice.

Room for everything you need.

Where should I put the operating light and X-ray head? Where is the best place for ancillary devices? What is the best way to install the microscope, and where shall I put the monitor? Many questions that only require one answer: your Centro is the solution for your individual space and logistics requirements. From lighting to instrument trays – the Centro presents your instruments just as you need them.

Centro mounting system – main features and advantages:

- Modular, configurable and expandable, a sound investment for the future
- Perfectly ergonomically adjusted to the dentist and treatment unit
- Supports the entire team
- Solid stable construction for precise working
- Increased order with hidden cables
- More economical than other more complex types of installations



Customisable for individual work – the Centro mounting system.



Efficiency that pays off – the KaVo ESTETICA E80.

Patients are better informed today than ever, and you have a decisive competitive advantage if you can satisfy their requirements. You should also not lose sight of cost efficiency. By comparing the performance data compared with the price, we can see how economical a treatment unit is. Additional considerations enter the equation: dentists experience economy directly, when routine assistant's tasks are rendered unnecessary and all your time is directed toward an optimised workflow.



Concentrate on the essentials – thanks to a perfect workflow.

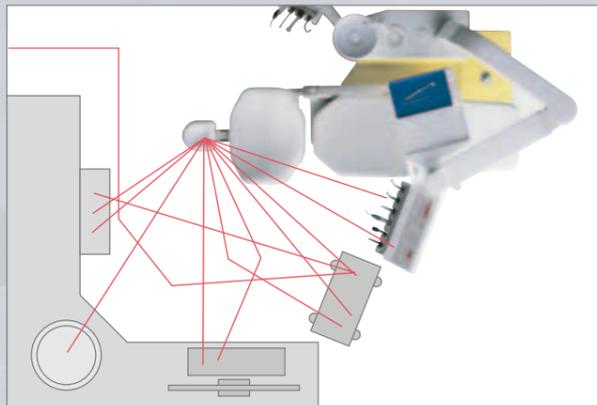
Integrated technology helps you achieve unsurpassed levels of performance.

All handpieces are fully integrated for you as the practitioner and your assistant. Even endo-motors and surgical-motors are already integrated. USB interfaces allow you to integrate additional USB-supported devices and keep the door open to the future. Your KaVo ESTETICA E80 allows you to concentrate completely on your work. All articulated elements are positioned and balanced so that you will appreciate the smooth ease of your movements. In all of these procedures, the ergonomic design of the KaVo ESTETICA E80 allows you to be closer to the patient as never before.

Perfect workflow – main features and advantages:

- Complete integration of all components for surgery, X-rays, etc.
- Systems harmonised with each other
- Extensive programming options for all components
- Information systems for smooth processes
- Sensor brake in the dentist's element
- Balanced movements

Movements with a conventional treatment centre.



Optimising the workflow with your dentist's element.

The control panel on your dentist's element has a fourth level, for directly controlling the multimedia applications of your KaVo ESTETICA E80.

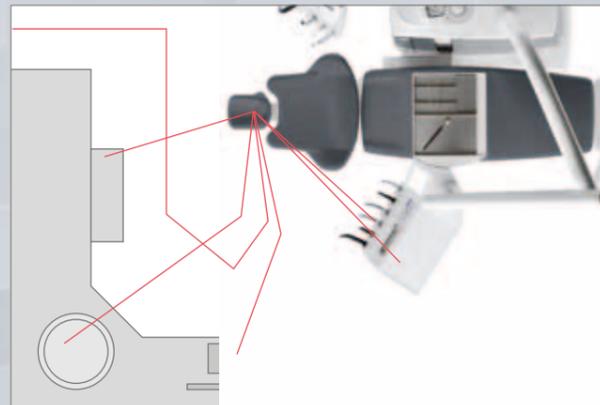
The service table on the dentist's element is fully articulating, and instruments are easily accessed by you and your assistant. Position the entire dentist's element with its sensor brake even more precisely: It releases when the handle is directly touched and brakes when you release it.

Perfect interaction within your team.

The flexibly-manipulated assistant's element supports smooth collaboration with your dental staff. It is fully articulating with adjustable height and the control panel has the same colour codes as the dentist's element. The precise coordination between the assistant's element, dentist's element and patient chair allows direct access to all instruments – no diversions or discontinuities.

The optimised workflow measurably shortens your data paths during treatment. Capitalise on the time-savings from the integrated endo-drives and surgical drives, as you wish – shorter paths due to integrated technology and optimised ergonomics.

Movements with the new KaVo ESTETICA E80.



Detailed perfection – outstanding KaVo quality, made in Germany.

All components are top quality.

With the KaVo ESTETICA E80, you experience maximum functionality in every detail and also in the entire interaction between the components. As in your work, the design focuses on fine harmonisation and graduations. Only superior manufacturing allows a treatment unit to be created that can handle optimum and unhindered work. Your KaVo ESTETICA E80 offers the highest standards of quality.



High-quality surfaces and materials, manufactured with proven KaVo quality.

Verified safety and continuous reliability.

In long-term tests of above-average duration, the KaVo ESTETICA E80 was found to be fault-free. No problems arose even in simulations of extremely heavy patients. Of course, the ergonomics were subject to critical testing by experienced practitioners. Their assistance during development gave us an opportunity to refine and continuously optimise individual adaptation options for the unit for a wide range of demands in day-to-day dental work. With superior results, as can be expected from dental excellence, tested and certified according to the highest German and international standards.

Outstanding quality – main features and advantages:

- Precise processing according to superior standards of quality
- Solid construction with superior materials
- Fine harmonisation and graduations for all functions
- Maximum reliability from comprehensive long-term tests



High-quality surfaces and materials, manufactured with proven KaVo quality.

Operationally safe – integrated, automated hygiene functions.

Automated hygiene functions prevent manual user errors, protect personnel, save time and increase operational reliability.



Time saved in intensive disinfection.

Permanent disinfection with Oxygenal 6 prevents microorganisms from spreading normal operation. The intensive disinfection ensures perfect quality of the cooling and spray liquids even after long use. A "ring-main" waterline in the dentist's element, ensures that the water system is permanently and effectively flushed. There are no "blind ends" in the entire waterline system and hence no cul-de-sacs where germs and algae can collect and spread.

Hydroclean, with automatic disinfection of the suction paths.

The automated "Hydroclean" function uses water to clean both the liquid waste and suction systems, which includes the suction hoses, and disinfects these with fully automated metering of DEKASEPTOL gel.

Thus, manual steps are no longer needed and your personnel never come into physical contact with disinfectant chemicals.

Highly-reduced risk of bacterial contamination and algae-growth.



Oxyamat und Dekamat, both integrated in the device, bring standardised and automated hygiene to your practice. This means less work for your assistant. Furthermore, automated care promotes operational reliability.



Secondary air-channels designed into the suction tubing connectors, control potential back-flow of contaminated liquids and practically exclude the possibility of cross-infection due to reflux. And this with any standard cannula available on the commercial market.

Automatic rinsing program, according to RKI*.

An automatic rinsing program, makes the daily rinsing of all water-conducting lines easier. The variable rinse time is activated by the push of a button.

Improved protection with an anti-reflux system.

The water supply system is also protected by anti-reflux technology, incorporated into all KaVo handpieces and motors. This protects patients and prevents contaminated spray water from being aspirated back, into the treatment centre.

Greater safety from removable device parts.

KaVo even takes care of places where hands are involved: frequently-touched device parts, such as handles, instrument holders and spittoon bowls are removable. They can be cleaned, disinfected or sterilised as needed to prevent cross-contamination.

Greater comfort from a motorised, pivoting spittoon bowl.

By choosing the rinsing position, the spittoon bowl swings automatically towards the patient and makes rinsing easier. The basin automatically swings back to the starting position, as soon as the patient is returned to a treatment position.

Important components such as the porcelain spittoon bowl, bowl flushing system and covers, may be thermidisinfected.



Time savings in hygiene – main features and advantages:

- Automated and standardised hygiene
- Simple and faster cleaning
- Removable parts

* Robert-Koch-Institute, Berlin.



Completely adapted to your needs – the equipment options.

	ESTETICA E80 T	ESTETICA E80 C		ESTETICA E80 T	ESTETICA E80 C
Patient chair			Assistant element		
Mot. horizontal displacement	●	●	Spray mist suction	●	●
Motorised chair elevation	●	●	Saliva ejector	●	●
Soft upholstery	●	●	Second saliva ejector	○	○
			3/1 syringe handpiece	○	○
Backrest			Multifunction syringe handpiece	○	○
Comfort	x	x	Polymerisation light Satelec MiniLED	○	○
Progress	x	x	Hydrocolloid connection	○	○
			USB interface	●	●
Headrest			Support for tray holder	○	○
Double-jointed pneumatic	●	●	Height-adjustable arm	●	●
SOMATIC E-motorised	○	○	DIAGNOdent-holder	○	○
Magnetic wedge attachment	○	○			
			Unit body		
Armrest			Glass spittoon	x	x
Right	○	○	Porcelain spittoon	x	x
Left	○	○	Motor-driven, pivoting spittoon	●	●
			Continuous disinfection	●	●
Dentist element			Intensive disinfection	●	●
1. Turbine tubing	●	●	HYDROclean	●	●
2.-5. Turbine hose	○	○	DEKAmat and OXYmat	●	●
1. KL motor 703 LED	●	●	Warm water heater	●	●
2.-5. KL motor 703 LED	○	○	VACUstop	●	●
Endo-function	○	○	Radio-operated foot control	○	○
COMFORTbase	○	○			
Multifunction handpiece	●	●	Supply system		
PiezoLED ultrasonic scaler	○	○	DVGW water block	●	●
Sprayer warming instruments	●	●	Additional device connections	○	○
Anti-reflux for instruments	●	●	AQUAMAT	●	●
Memodent multifunction display	●	●			
HF electrosurgery	○	○	Disposal system		
ERGOcam	○	○	External suction	●	●
Small X-ray viewer	○	○	Dürr amalgam separator	○	○
Large X-ray viewer	○	○	Dürr automatic separation unit	○	○
Physiological saline solution	○	○			
SL 550 surgical motor	○	○	Miscellaneous		
Adjustable service table for two standard trays	●	-	KaVo PHYSIO Evo	○	○
USB interface	●	●	Service table 1568	-	○
Pneumatic brake for arm system	●	-	KaVoLUX 540 LED	○	○
Holder for two standard trays	-	x	Operating light mounting post	○	○
Holder for one standard tray	-	x	ERGOcom light	○	○
			DEKASEPTOL GEL BASIC SET	●	●



Polymerisation light Satelec MiniLED



PiezoLED ultrasonic scaler



Micromotor INTRA LUX KL 703 LED



KaVoLUX 540 LED



KaVo electrosurgery device



DIAGNOdent holder for the assistant element



KaVo Magnetic wedge attachment: rotating head cushion for comfortable mandibular and maxillary treatment



Connections to external devices: additional devices are easily supplied with water, compressed-air and mains electric power



Working chair KaVo PHYSIO Evo



Small X-ray viewer, 5 x 5 cm



Panoramic X-ray viewer: on the dentist's unit or the service table



Holder for physiological saline solution: for surgeries, controlled via a footswitch

● Standard equipment ○ Optional equipment x Must be selected - Not available

Additional information at www.kavo.com/e80

KaVo ESTETICA® E80



KaVo. Dental Excellence.

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