

KaVo ESTETICA® E50 Life

My life. My work.
My style.



KaVo. Dental Excellence.

This is my lifestyle and this is how I want to work.

Your lifestyle bears your signature, continue this in your practice. With your own concepts, preferences and expectations. Focus on the areas that are important to you and feel the support of a high-quality treatment unit which optimally supports your work procedures.

The KaVo ESTETICA E50 Life. Simple to use. Simple to expand. Simply reliable.

So start living!



The dentist element of the KaVo ESTETICA E50 Life is available as a table or swing-arm version.

All the innovations at a glance:

The new patient chair. Visibly new. Noticeably gentle.

- 1 Streamlined chair design
- 2 Optimised soft upholstery form
- 3 New colours cognac and marsala red
- 4 All device components in modern dental white
- 5 Higher max. patient weight up to 185 kg
- 6 Integrated Trendelenburg movement for patient comfort
- 7 Extended highest/lowest positions

Patient communication. Ready to go.

- 8 KaVo ERGOcam One, the easy to use intraoral camera
- 9 New high resolution screens: KaVo Screen HD, 19" and 22"

CONEXIO system software. Less searching. More finding.

- 10 You can control your patient communication from the dentist element
- 11 Installation preparation for KaVo ERGOcam One, KaVo DIAGNOcam 2170 U and Leica dental microscope M320
- 12 Plug Et Play for new device connections
- 13 Automatic data backup
- 14 Easy control via dentist element (limited) and KaVo foot control (for KaVo ERGOcam One and KaVo DIAGNOcam 2170 U)

So just start living!

Working intuitively, from the beginning.

So just get started! You will find all functions where you anticipate on your KaVo treatment unit. Direct keys without double allocation guide you intuitively to your goal – no time-consuming familiarisation and no tiresome searching for functions during treatment. In conjunction with the clearly designed screen and the tried and tested KaVo colour scheme, you will quickly find your way. This will guarantee a smooth workflow and will allow you to have more effective treatment time.

Always at your side.

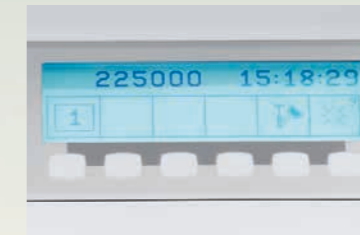
You are always able to position your dentist element where it is most convenient. You will have everything in easy reach and under control, whether sitting or standing, working alone or with a dental assistant. Table or swing-arm versions available. Your choice, your comfort.

Life is full of changes.

Therefore, flexibility will be of ever increasing significance. If the focus of your treatments should shift over time, changes are easy to implement at any future date, such as retrofitting from five to six trays or Endo functions.



Whether you select to have 5 or 6 instrument trays, have each configured to meet your specific needs – or you can easily upgrade later from 5 to 6 trays.



Quick and easy operation thanks to intuitive touch display. Just take out any instrument and see all important information with a single glance.



Use the MEMOdent to rapidly and reliably recall stored parameters for each instrument (there are 3 program levels for up to 6 dentists).



A place to feel good.

A reason to smile.

Provide a pleasant atmosphere from the onset with the new feel-good colours marsala red and cognac. The new sleek form of the patient chair speaks volumes about your design standards.



Pure relaxation.

If patients feel comfortable on the patient chair, they tend to move much less. The newly designed soft and ergonomic form of the upholstery make a significant contribution towards this. This allows you to work much more efficiently and to fully focus on the treatment.

Good for you. Good for your patients.

According to indication or size of the patient, the flexible rotatable upholstery and the double-jointed headrest allows you to find the right position for your patient to recline perfectly and you to work effectively.



Simply comfortable: the double-jointed headrest can be operated with only one hand and has a rotatable head cushion.



Progress backrest: correct working posture and optimum access for the dentist.

Remaining completely relaxed.

Prevent unpleasant strain on the backs of your patients while you readjust the arm rest. The Trendelenburg movement provides gentle angle compensation.



Corresponding to the Trendelenburg movement, the footrest automatically tilts and elevates matching the tilting of the backrest.

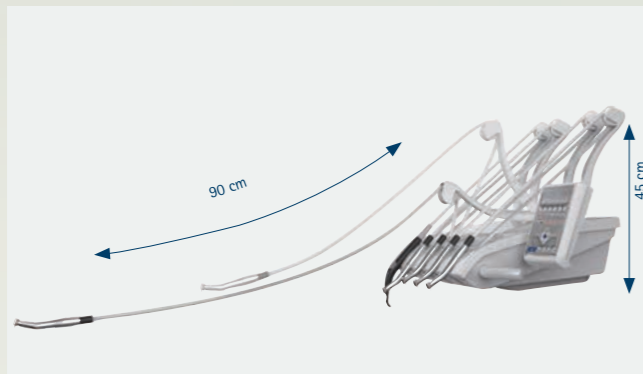


Ideal for all requirements with improved highest and lowest position as well as higher maximum patient weight.

Tailored to your comfort from head to foot.

Every move is guaranteed.

Enjoy the feeling of even more relaxed working with ideal gripping paths. The generous radius of movement of the arm design allows you to exploit the situation. The intelligent tray support may be mounted on the right or the left side of the table. Your tray may be moved horizontally. Indulge in the optimal support for all treatments.



Optimum ergonomics of the swing-arm version owing to low 45-cm table height and balanced swing-arm clamp. Enjoy the freedom of space provided by a maximum instrument hose extension of 90 cm.

One starter for everything.

Are your hands occupied while treating your patients? Then simply control all functions and integrated equipment of your KaVo ESTETICA E50 Life with your foot. This also applies to your new system software CONEXIO. Additionally, it reduces the risk of cross contamination. A wireless foot control is available as an option, for even more flexible positioning.



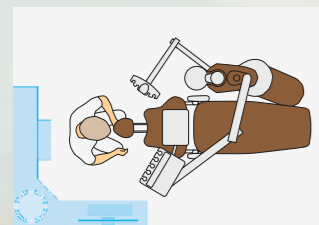
It's all about your back.

You work many hours in a seated position day after day. It is particularly important to assume a steady, ergonomically healthy and comfortable posture. You need a dentist chair which has a positive long-term effect on your posture and allows freedom of movement at the same time. Ergonomics is a tradition at KaVo and in keeping with this, the new KaVo PHYSIO Evo is precisely designed according to the needs and workflows of dentists and dental assistants.

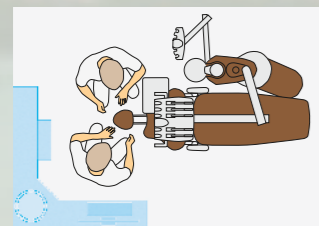


Your assistant has everything under control.

Enjoy smooth cooperation with your dental assistants. Your workflow will be supported in the best possible way by an assistant element that can be individually positioned. You will be able to find the concept of direct dial buttons again.



Whether you work alone or with an assistant, the dentist element, the table or swing-arm version and the tray support and assistant element can be optimally positioned due to the large range of movements.



The PHYSIO Evo and PHYSIO Evo F offer perfect ergonomics with maximum comfort for healthy and fatigue-free working.



A good feeling, thanks to KaVo quality.

The benchmark in longevity.

KaVo's quality advantage guarantees exceptional reliability and service-life. The careful and precise manufacturing of all KaVo treatment units in combination with extensive quality control and testing provides the highest degree of safety translating into very little downtime and repairs.



Precise processing.

The high-quality manufacturing allows the development of treatment units with unsurpassed quality.



Best materials.

Only high-quality surfaces and materials are used and manufactured according to proven KaVo quality.



Components tried and tested in practice.

Proven technologies, highest quality materials and extensive safety tests ensure smooth application in the practice.



„Made in Germany“ for more than 100 years.

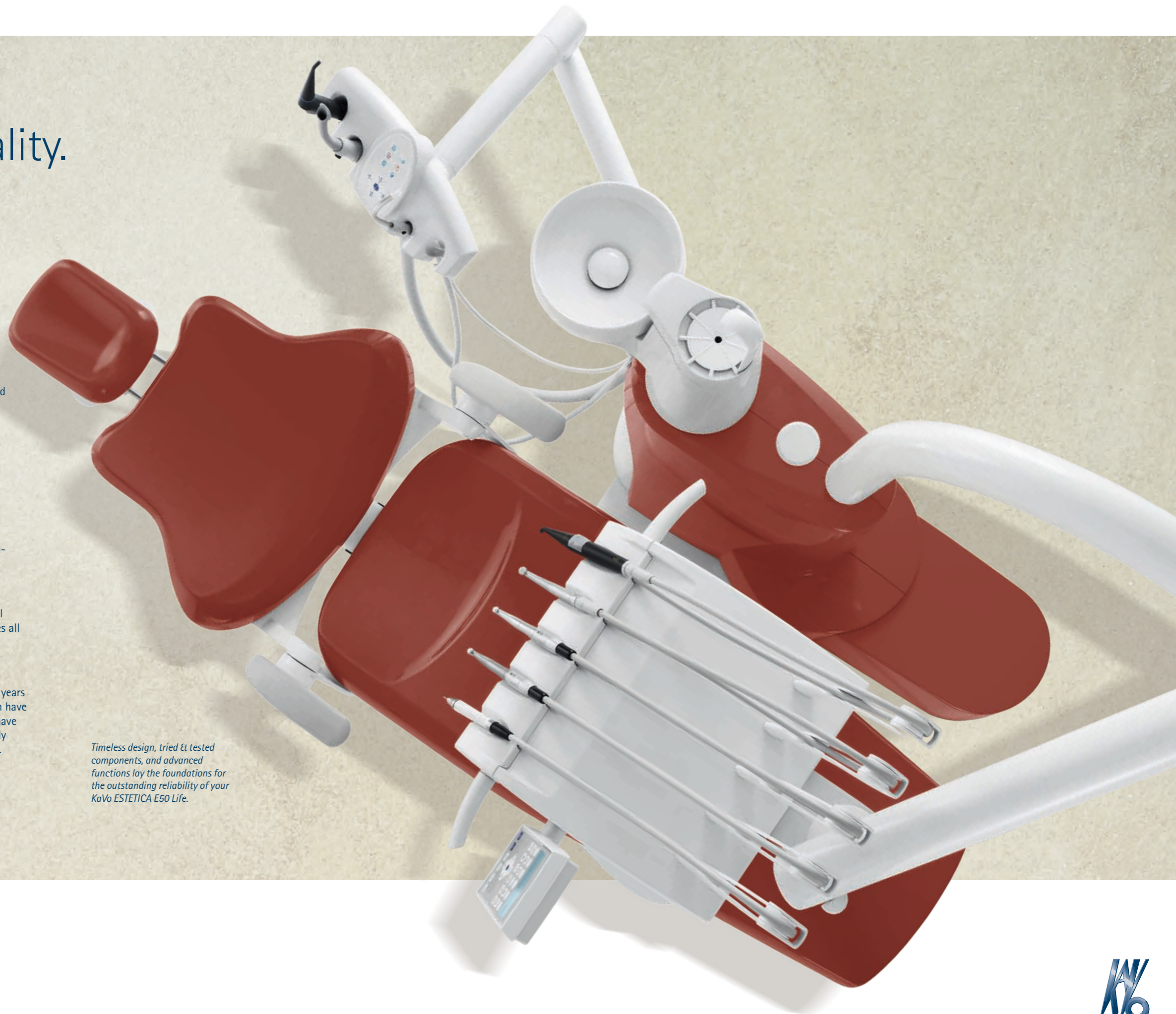
KaVo is one of the largest employers in the dental equipment industry in Germany and manufactures all its treatment units in Germany.



Rely on the tried and tested.

Each of our treatment systems incorporates many years of experience with well-conceived solutions which have been proven thousands of times. Our motto is to have confidence in what has been proved and to steadily improve what is good about this treatment centre.

Timeless design, tried & tested components, and advanced functions lay the foundations for the outstanding reliability of your KaVo ESTETICA E50 Life.



CONEXIO joins what belongs together.

Whatever you intend to do, CONEXIO opens the way.

You can now control your patient communication from the dentist element. You can directly add new images to the digital patient file. The touch display of the ESTETICA E50 Life in combination with CONEXIO offer the best opportunities to do this.

Select. Process. Finish.

Utilise the practical CONEXIO screenshot option to process your diagnostic images. Trimming, contrast, brightness, enlargement and storage – you don't need any other software to do this anymore.

Always up-to-date.

You would like to connect a new external device to your KaVo ESTETICA E50 Life? There is nothing easier than that! CONEXIO recognises KaVo hardware components immediately and automatically. That means: Plug & Play for every system expansion.

Swap Tray – your protected exchange platform.

Utilise the state-of-the-art technology for your specialist exchange. With Swap Tray, all kinds of data can be collected and shared with other CONEXIO users: from individual files to entire patient cases. On request these can be anonymised. Sent with a few clicks without burdening the email box.

Security, completely automatically.

- Automatic diagnostic history – all data are logged, summarised and stored
- Automatic data backup – at desired times
- Automatic reminder functions – pending maintenance work will be announced by the system
- Automatic updates – automatic recognition of software updates and installation preparation

Show it to your patients!

More details for better understanding.

Explain the necessary treatment measures to your patients in detail, using high resolution pictures and images. The new KaVo intraoral camera and new HD flat screens were developed especially for this purpose.

KaVo ERGOcam One – small camera, great results.

Explain the actual dental situation to your patients with images with a high depth of sharpness and outstanding colour reproduction. The easy to operate KaVo ERGOcam One delivers perfect images at all times.

KaVo DIAGNOcam 2170 U – X-ray vision without X-ray radiation.

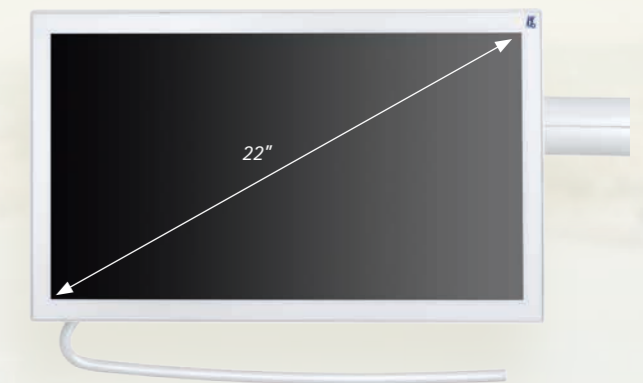
Make yourself a picture or a video of the dental situation, as you wish, on the dentist element or with the foot control. With the KaVo DIAGNOcam 2170 U, you will detect carious lesions at an early stage. Light waves replace harmful radiation. Detect caries simply and be rewarded with a smile from your patient.

Simply sharp.

Impress your patients with piercingly sharp images. The new monitors provide high-resolution image quality, convincing contrast values and brilliant colour reproduction. The screens are easily operated via the dentist element. Improved hygiene characteristics are secured by protective glass panels, narrow gaps and single-handed adjustment.

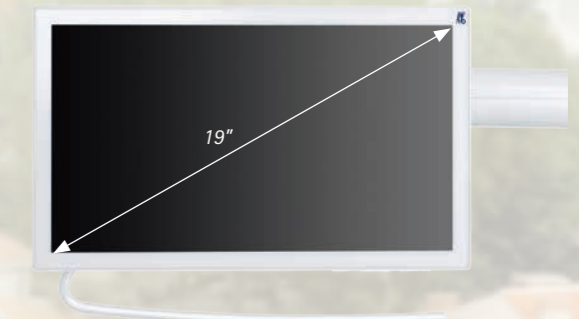
KaVo Screen HD – the perfect choice in full HD

- Full HD-true flatscreen
- aspect ratio: 16:9
- screen diagonal 22 inch
- Two digital inputs for microscope and PC

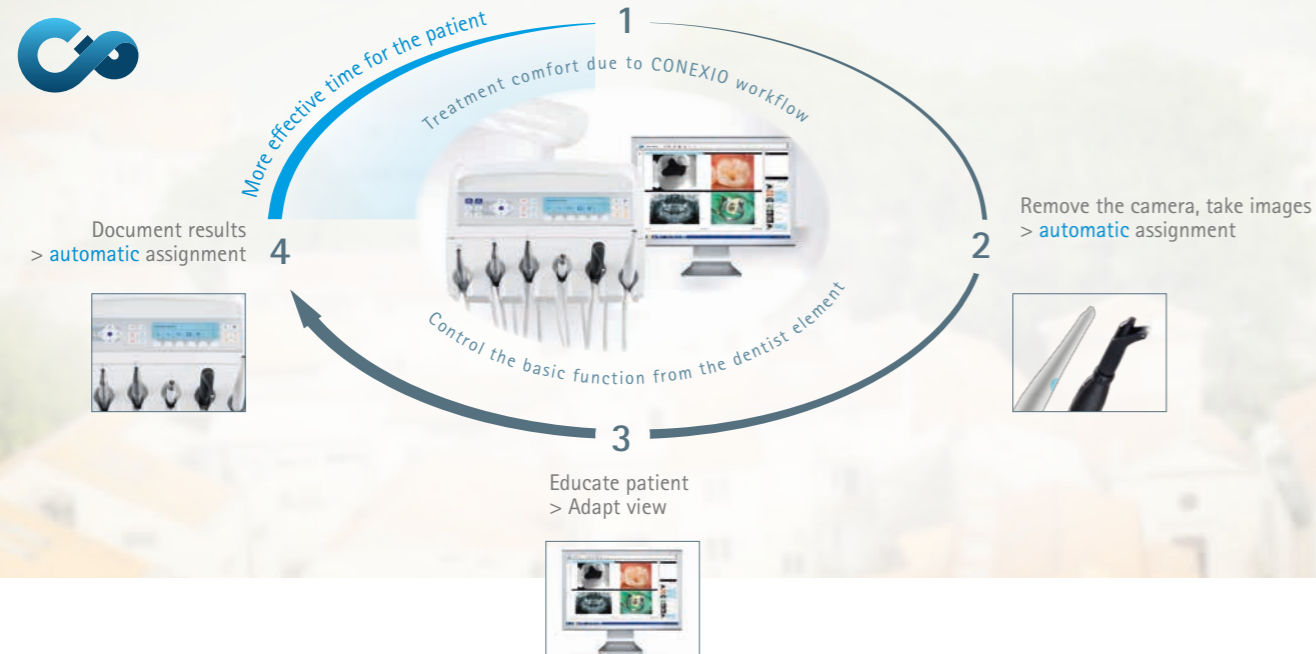


KaVo Screen One – the high-quality version in HD

- HD-true flatscreen
- aspect ratio: 16:9
- screen diagonal: 19 inch



The comfortable CONEXIO workflow



KaVo ERGOcam One – brilliant images easily made.



KaVo DIAGNOcam 2170 U – early detection of caries. Completely without radiation.

Hygiene made simple.

Optimum hygiene for external components ...

Your KaVo ESTETICA E50 Life is very easy to clean. Major components such as the silicone mat, instrument holder, swing-arm clamp and spittoon bowl can be detached quickly for disinfection. All surfaces and contaminated parts in the aerosol-disposal area are simple to clean.

... perfect hygiene, inside out.

The easy-to-clean suction filter system saves your staff valuable time during hygiene procedures. The suction filter is easy and safe to replace.

The cleaning power of water – HYDROclean.

Prevent breakdown time and costs that may arise from servicing the amalgam separators and air/water separators. Simply, activate the automatic HYDROCLEAN program for cleaning of the amalgam separator, suction and drainage systems of your treatment centre. Clean, fresh water dilutes blood and secretions reliably, to ensure that these contaminants do not become deposited in and block the suction system and outflow.

Protect lines from contaminated water.

The water block with free water inlet fulfills the high benchmarks of the DVGW standard. Moreover, continuous germ reduction with KaVo OXYGENAL 6 ensures permanent reduction of bacteria and germs. With the intensive germ reduction program, you will protect your patients against micro-organisms that may form to an increased level of infestation, at times of extended stagnation, such as over weekends or holidays.

Minimise risks by using the RKI rinsing program.

Meet the requirements of the current RKI guidelines. Your KaVo ESTETICA E50 performs standardised and automatic rinsing of instruments at the start of the working day and after work on each patient.

Protection: anti-reflux system.

KaVo instruments and motors are equipped with an automatic non-return valve, which reliably protects the water supply system. It prevents contaminated spray water from being aspirated into the treatment centre. You, your team, and your patients can feel safer.



Handles, silicone mats, spittoon bowls, instrument trays and swing-arm clamps may be easily removed and disinfected. Due to the hygienic handles, the suction filters can be easily and safely exchanged.



The touch-free operation of the KaVoLUX 540 LED ensures minimum risk of cross contamination and therefore maximum safety for your patients.

To ensure that no contamination enters your treatment centre, the top and bottom parts of the housing are completely sealed.



Save time with the mixed, ready-to-use KaVo DEKASEPTOL Gel. The gel wets the suction hoses and suction systems and adheres to the contaminated regions, instead of merely passing straight through.



Your requirements. Your perfect equipment.

Simply more is possible.

Work into the future, today. Because with the wide equipment range of the KaVo ESTETICA E50 Life, you are optimally prepared for everything that comes as well as everything that goes.

Put your practice in the best light.

Rely on the KaVoLUX 540 LED 5-star light. A natural white light of highest quality which, at the same time, makes a significant contribution to practice hygiene. The light can be switched on and off and operated without contact, even in COMPOsave mode. It has a sealed housing, smooth surfaces and removable handles.



The innovative COMPOsave mode filters out all blue components of the light source and thus slows down undesirable polymerisation of composites.



Endodontics developed to a fine art.

Spare the acquisition of an expensive endodontic device and use the integrated Endo functions. You are well equipped for all endodontic applications with three different modes for arrow control.

You can set, call up and save all important parameters such as the transmission ratio and torque values via the dentist element or foot control.

PiezoLED, the high-precision device for thorough teeth cleaning.

With the PiezoLED Ultrasonic scaler, professional tooth cleaning is not only precise, it also saves your valuable time. The titanium sonotrodes ensure controlled linear oscillations, enabling efficient treatment of your patients. Due to the precise operation, teeth and gingiva remain undamaged even in delicate areas.

PiezoLED: innovative KaVo care technology with intelligent feedback control for the highest standards of patient treatment.

Micromotor INTRA LUX KL 703 LED – the original size can be so small.

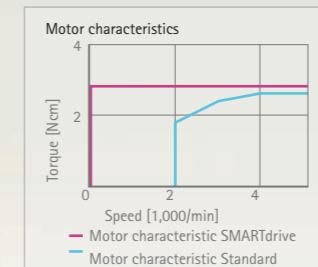
Experience what a small motor can achieve. Endless power and fatigue-free working. A speed range between 100 and 40,000 min⁻¹ with a 1:1 transmission ratio. Light. Compact design. Pleasant in your hand.



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

SMARTdrive catapults you forcefully and sensitively into the future.

Precise, efficient, and time-saving working conditions are produced by the new motor control SMARTdrive with full torque and in particular vibration-free start-up characteristics, even in the low speed range of 100 rpm. Due to the broader speed range, all straight and contra-angle handpieces may now be used in a more versatile manner, which extends the range of applications of each handpiece.



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

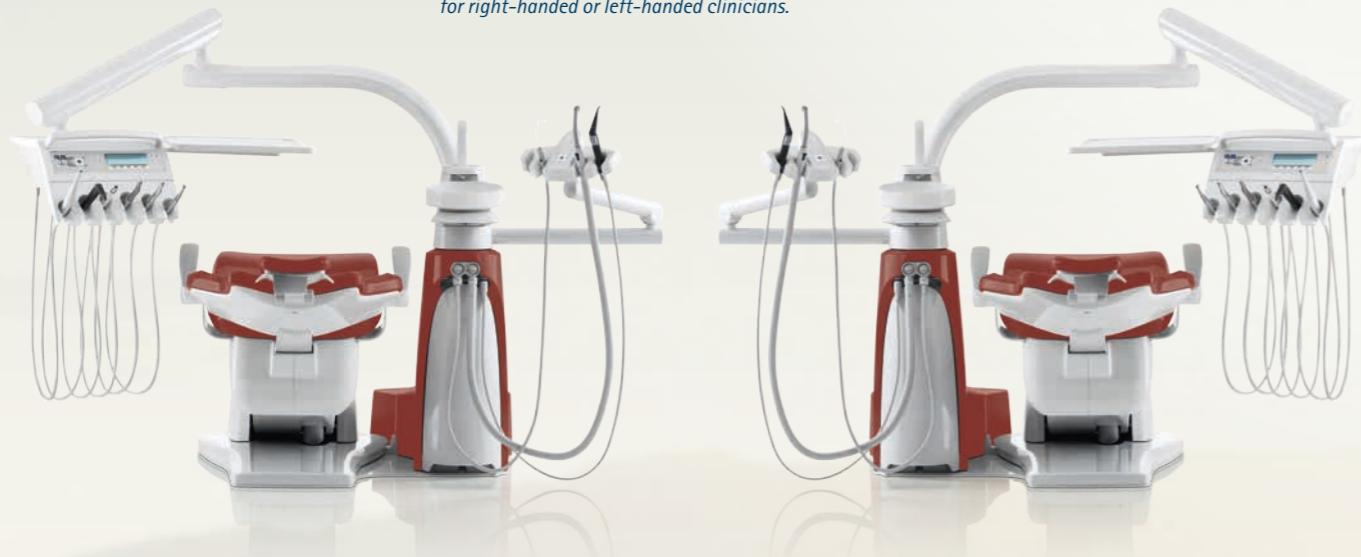


As flexible as life itself.

Flexibility whenever you need it.

It does not matter what you decide, you can change your decision at any time. Whether you want to change from five to six instrument holders, retrofit Endo function or change from the table to the swing-arm version, experience a maximum degree of flexibility and therefore investment security with your KaVo ESTETICA E50 Life. You can also add innovations like the PiezoLED Ultrasonic scaler and the KaVo COMFORTdrive later.

The ESTETICA E50 Life is available as a unit for right-handed or left-handed clinicians.



Changing sides is easy.

If you are a left handed clinician, performing treatment alone or would like to offer your dental assistant a comfortable solution, then you will appreciate the right/left swivelling assistant element. This is enhanced by the enormous freedom of movement of the extensive swing range as well as the variable height adjustment.

R/L assistant element, height-adjustable by 135 mm.



COMPACTchair – comfort for newcomers.

Offer your elderly and less mobile patients a comfortable method of climbing into and out of the patient chair. The reclining area of the KaVo COMPACTchair can be bent to practically achieve this. Create a more personal consultation situation, by talking to your patients while they are in the seated position and then treat them while they are reclined.



The angled footrest, flat seat and almost vertical position of the backrest makes it easy to climb into and out of the chair.

What is your favourite colour?

Select your style and design.

Awaken your own personal style. Combine the upholstery and instrument colours to suit your individual preferences. The new feel-good colours cognac and marsala red skillfully set harmonious accents. Regardless of the current or future décor you envisage in your practice, the KaVo ESTETICA E50 is available in a complementary range of colours.

Metallic paint colours



Plain colours



Upholstery colours



Equipment options.

	TM	S		TM	S
Patient chair			Assistant element		
Patient chair Standard	●	●	with Comfort control element	●	●
Patient chair COMPACTchair	○	○	Spray mist suction	●	●
Soft upholstery	●	●	Saliva ejector	●	●
			2nd Saliva ejector	○	○
Backrest			Triple function handpiece	○	○
Progress	●	●	Multifunctional handpiece	○	○
Comfort ¹	○	○	Curing light Satelec MiniLED	○	○
			Support for tray holder	○	○
Headrest			Tray holder for DIAGNOdent	○	○
Double-jointed with push button	●	●	Swivel and height-adjustable	●	●
Comfort head cushion	○	○	Assistant element		
			Right/left swivelling and		
Arm rest			height-adjustable assistant element	○	○
Right	○	○	Suction tube guide	○	○
Left	○	○	Selective support kit	○	○
			Unit body		
Dentist element			Porcelain spittoon bowl	x	x
1. Turbine hose	●	●	Glass spittoon bowl	x	x
1. KL motor 701	x	x	VACUstopp	●	●
1. KL motor 703 LED	x	x	Permanent germ reduction ⁴	●	●
Triple function handpiece	●	●	Intensive germ reduction	○	○
Multifunctional handpiece	○	○	HYDRoclean	●	●
2. Turbine hose	○	○	Warm water heater	○	○
2. KL motor 701	○	○	MEDIAgateway	●	●
2. KL motor 703 LED	○	○	Wireless foot control	○	○
SMARTdrive	●	●			
Integrated torque control (Endo)	○	○	Supply system		
COMFORTdrive	○	○	Water block DVGW	x	x
PiezoLED Ultrasonic scaler	○	○	Water block compact	x	x
MEMOdent multifunction display	●	●	Water bottle DVGW	x	x
Small X-ray image viewer ²	○	○	Low-pressure regulator	○	○
Panorama X-ray image viewer ³	○	○	Additional device connection	○	○
(mounted on the light post)					
Tray holder US tray	x	x	Disposal system		
Tray holder for 1 standard tray	x	x	External suction	x	x
Tray holder for 2 standard trays	●	●	DÜRR amalgam separator	x	x
Spray heating for instruments	○	○	Dürr automatic separator	x	x
Physiological saline solution	○	○	Solids collector kit	x	x
Anti-reflux valve for instruments	●	●			
USB interface	○	○	Miscellaneous		
KaVo ERGOcam One	○	○	KaVo PHYSIO Evo/Evo F	○	○
KaVo DIAGNOcam 2170 U	○	○	KaVoLUX 540 LED	○	○
			EDI operating light	○	○
			Lamp mounting pole	○	○
			Patient service box	○	○
			DEKASEPTOL Gel basic set	●	●
			Hygiene package	○	○



● Serial equipment (may vary in national versions) ○ Optional equipment x Must be selected

- 1 Available only for COMPACTchair patient chair
- 2 Not suitable for installation under a worktop
- 3 Not available in combination with multimedia
- 4 Only with DVGW water block and DVGW water bottle



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