

# KaVo ESTETICA™ E50 Life

Comfort in its most beautiful form





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

Your lifestyle bears your signature, so continue this in your practice. Focus on the areas that are important to you and feel the support of a high-quality treatment unit which fully supports your work procedures. The KaVo ESTETICA E50 Life. Simple to use. Simple to expand. Simply reliable.

### Highlights at a glance:

#### The patient chair

1. Modern chair design
2. Optimised comfort from the soft cushion shape, optional RELAXline soft upholstery
3. Higher max. patient weight up to 185 kg
4. Integrated Trendelenburg movement for patient comfort
5. Extended highest/lowest positions

#### Patient communication

6. KaVo DIAGNOcam\* – light years ahead of caries
7. High-resolution screens: KaVo Screen HD, 19" and 22"

#### CONEXIO system software

8. You can control your patient communication from the dentist element.
9. Installation preparation for intraoral camera and KaVo DIAGNOcam Vision Full HD
10. Plug & Play for new device connections
11. Automatic data backup
12. Easy control via dentist element (limited) and KaVo foot switch (for intraoral camera and KaVo DIAGNOcam)

\* Product not shown in image











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

## Working intuitively, from the beginning

You will find all functions where you expect to find them on your KaVo treatment unit. Direct keys without double allocation guide you intuitively to your goal. 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.

## MEMOdent

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



## Always at your side

You can position your dentist element wherever 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 are available.

## 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 5 to 6 trays or Endo functions.



## A place for feeling comfortable. Pure relaxation.

Patients who feel comfortable in the dental chair relax more and move less, meaning you can concentrate fully on their treatment. The new RELAXline soft upholstery and the ergonomic cushion shape are specially designed to help achieve this.



### RELAXline soft upholstery

An extremely comfortable memory foam surrounded by a soft, leather-like fabric in elegant colours and with a handcrafted, stitched design ensures relaxed patient positioning – even during lengthy treatment sessions.

## Good for you. Good for your patients.

According to the individual patient's needs, the flexible rotatable upholstery and the double-jointed headrest allow you to find the right position for your patient to recline perfectly and for you to work effectively.



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



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

## Ideal for all requirements

You can configure the KaVo ESTETICA E50 Life to your personal requirements and practices. The height of the patient chair, which can be steplessly adjusted between 350 mm and 830 mm, ensures optimum ergonomic conditions, irrespective of whether you are treating the patient sitting down or standing up.

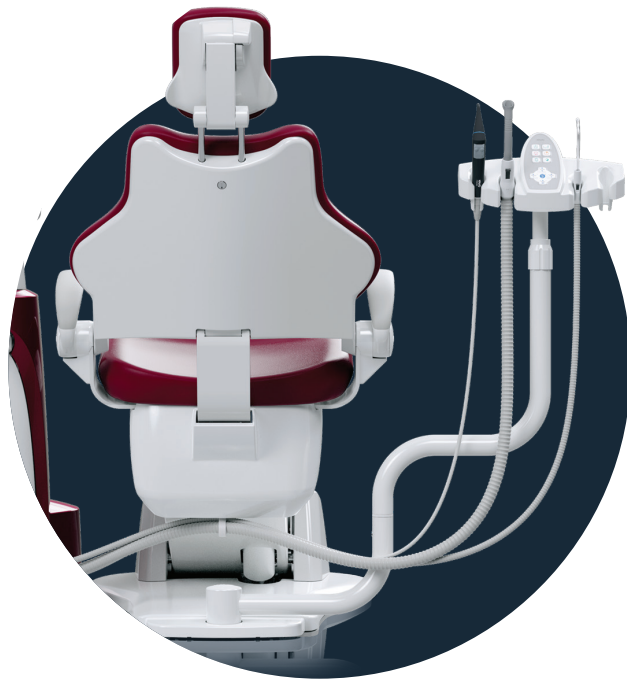


## Remaining completely relaxed

Prevent unpleasant strain on the backs of your patients while you readjust the armrest. The Trendelenburg movement provides gentle angle compensation. Corresponding to the Trendelenburg movement, the footrest automatically tilts and elevates matching the tilting of the backrest.



## As flexible as life itself



### Changing sides is easy.

If you are a left-handed clinician or performing treatment alone 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.



### Left or right? Always correct!

The KaVo ESTETICA E50 Life is available as a left-handed and right-handed unit. Experience the pinnacle of flexibility and investment security with your KaVo ESTETICA E50 Life. Whichever one you choose, you can adapt it to suit you.



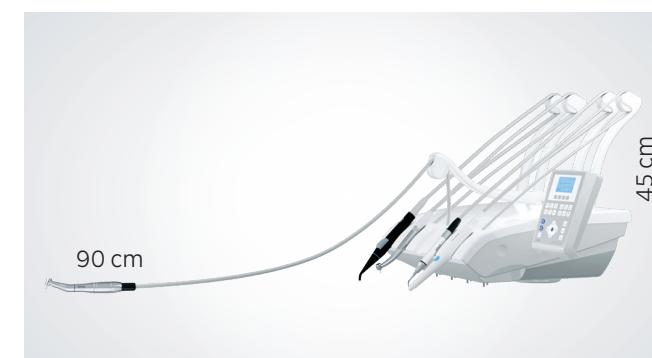
### COMPACTchair

Provide a comfortable entry and exit point for patients who are less mobile. The KaVo COMPACTchair bends at the knee and back. This also creates a more appropriate consulting environment, allowing you to advise your patients while they are seated and then to treat them while they are lying down.

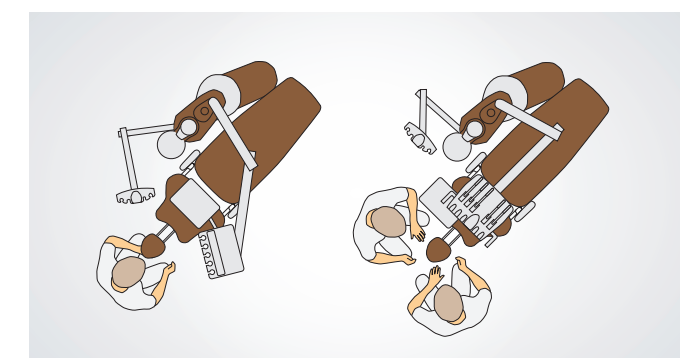
## Tailored to your comfort from head to foot

### 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. Indulge in the optimal support for all treatments.



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.



### 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.

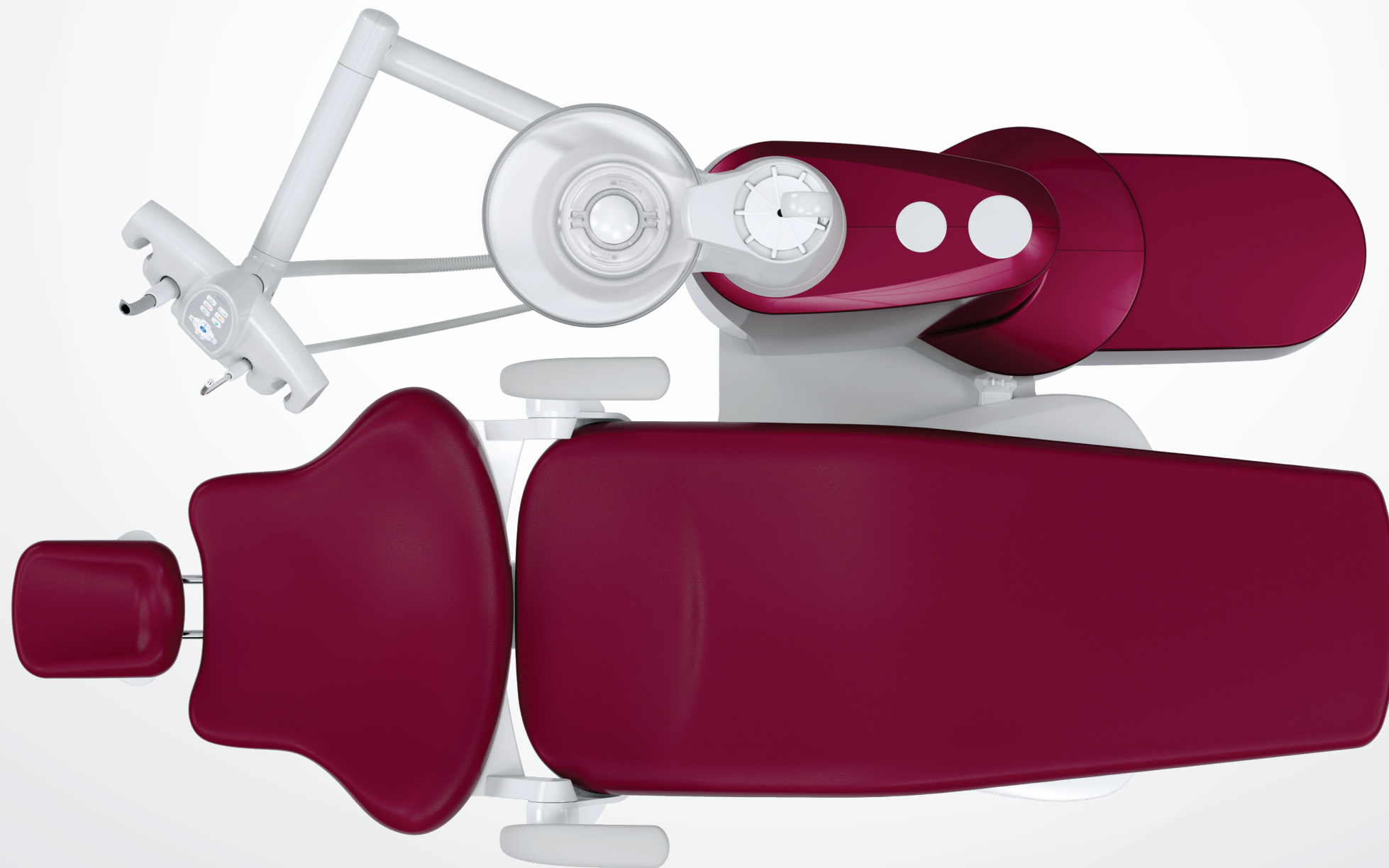


### One control point for everything

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 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.







## A good feeling, thanks to KaVo quality

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 very few repairs.

### **Precise processing**

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

### **Maximum reliability**

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

### **Best materials**

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

### **"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.

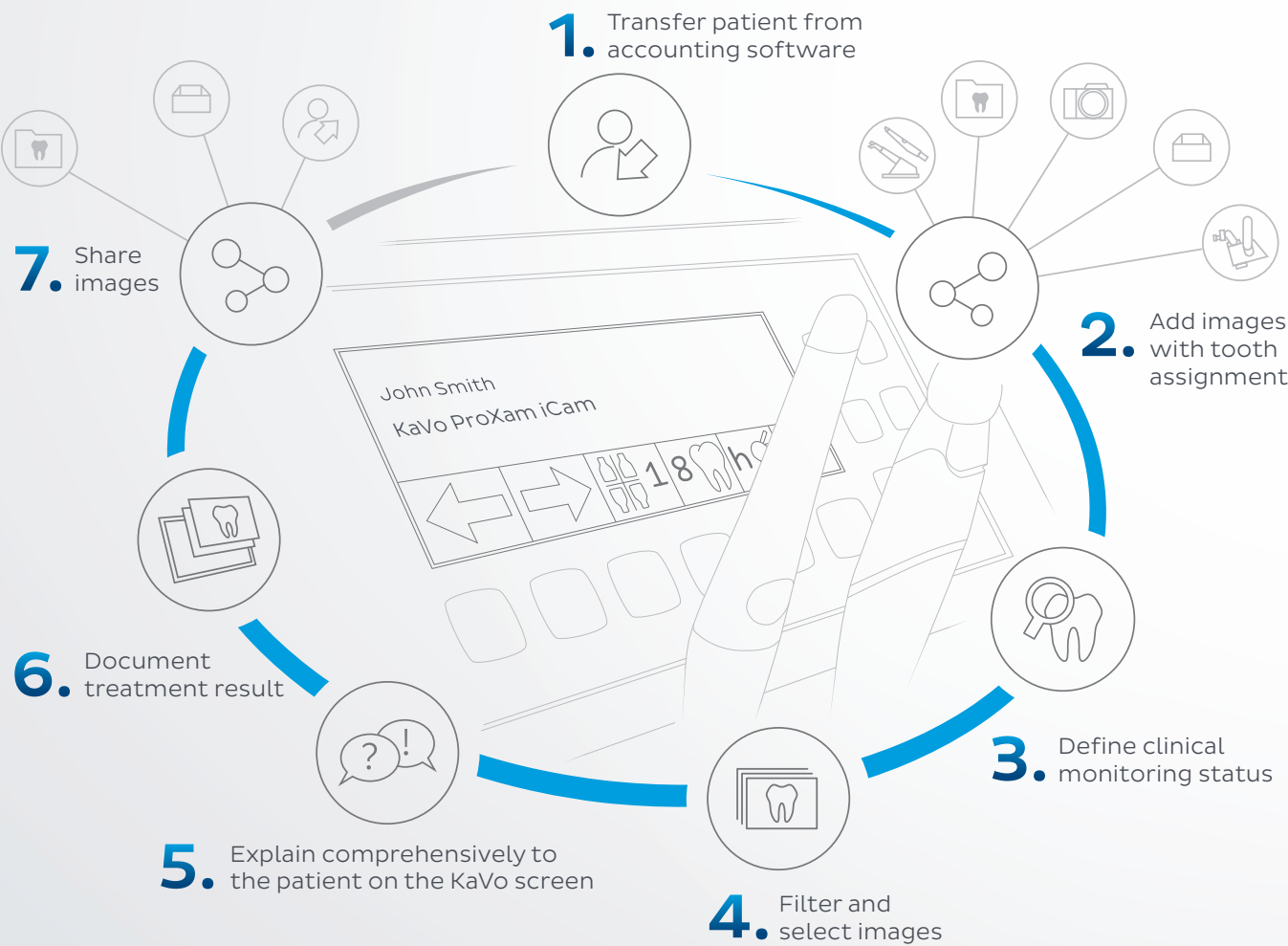
### **Rely on something that's tried and tested**

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.



# CONEXIO connects what belongs together.

Whatever you want to do, CONEXIO makes it possible. Experience greater efficiency in your everyday practice with CONEXIO. Use it to access all patient data via the dentist element of the treatment unit. Adding additional data? No problem. All collected data is assigned straight to the patient file. CONEXIO makes work processes simpler. Time-saving. User-friendly. Simple.



## Helpful for your diagnosis. Informative for your patient.

Take the opportunity to select images from various sources and to compare them. For transparent communication with your patients, you only need the dentist element of your KaVo treatment unit – without any keyboard, mouse, tablet or PC.



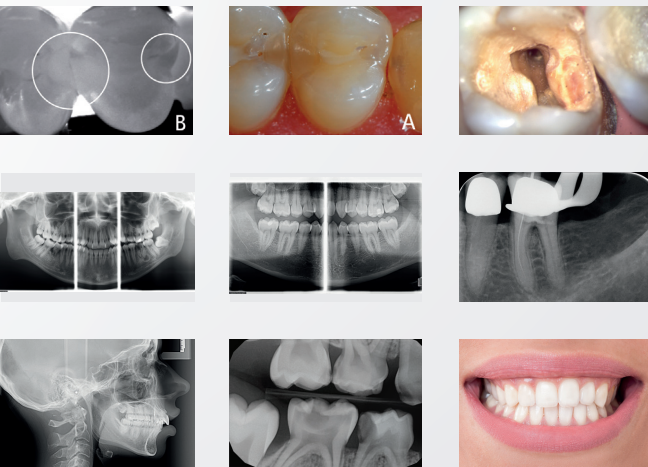
## Perfect overview: the clinical monitoring status

Each image is assigned to one tooth of the patient in the examination. This means you can define a clinical monitoring status from “healthy” to “critical”. The comparison mode gives you the opportunity to conduct a chronological check, even during the diagnosis, using older images of the tooth or even images from different sources.



## A treatment concept that makes perfect sense.

Everything is available right there where you want and need it – namely directly on your dentist element. The user-friendly user interface on the touch display of the treatment unit makes this possible and ensures full access to the patient file. And if on occasion all hands are occupied, all central CONEXIO functions can be also be controlled and activated using the foot switch. Comfortable and hygienic.



## ONE EFFICIENT WORKFLOW

Switch from treatment mode to the world of digital images and back with just one click on the dentist element. CONEXIO simplifies the workflow for the dentist, without the need for a mouse or keyboard.



## A picture says a thousand words.

Now you can provide your patient with a better understanding of the treatment they require. Use the high-resolution exposure images from the DIAGNOcam and the HD flat screens for full disclosure.

### DIAGNOcam Vision Full HD. Innovation in its most beautiful form.

Imagine a camera that provides you with three clinically relevant images for your caries diagnosis – brilliantly sharp at all times and delivered in less than a second. This is now a reality: with the DIAGNOcam Vision Full HD.

Intraoral images for the first visual caries diagnosis, deep insights into the tooth structure through the transillumination technology and fluorescence images – all with just one single image in real time and in full HD resolution on your screen.



### KaVo ProXam iCam

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 ProXam iCam delivers perfect images at all times.



### Simply sharp

Impress your patients with piercingly sharp images. The 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

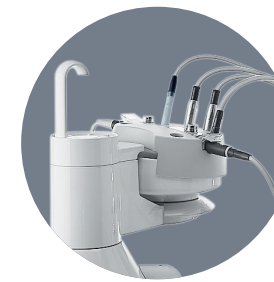
#### **KaVo Screen One – the high-quality version in HD**

- HD-true flatscreen
- Aspect ratio: 16:9
- Screen diagonal: 19 inch
- Two digital inputs for microscope and PC





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



### Protect lines from contaminated water.

The water block with free water inlet fulfils the high benchmarks of the DVGW standard. Moreover, continuous germ reduction with KaVo OXYGENAL 6 ensures the permanent reduction of bacteria and germs. With the intensive germ reduction programme, 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 programme.

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 working on each patient.

### The cleaning force of the water – HYDROclean

Start the automated HYDROclean programme for the cleaning of the amalgam separation, suction and drainage systems of your treatment unit with water. Reduce downtimes and maintenance costs.

### The purest joy: DEKAmat™

With the DEKAmat, the DEKASEPTOL bottle is incorporated into the body of the unit for continued standardised and effective cleaning and disinfection of the suction paths. The gel is dispensed automatically to save time and reduce contact with chemicals.

## Hygiene made simple

Your KaVo ESTETICA E50 Life is very easy to clean. Major components can be detached quickly for disinfection. All surfaces and contaminated parts are simple to clean.



*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.

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



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

### Put your practice in the best light.

Rely on the KaVoLUX 540 LED 5-star light. A natural white light of the 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.

### Intraoral X-rays always in range

Install the KaVo ProXam iX on the light attachment bar easily with an adapter and then you can create X-ray images optimally adjusted to the radiological indication directly on the treatment unit – highly precise, time-saving and right next to the patient.



### 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.

### Micromotor INTRA LUX KL 703 LED

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



### Two scalers for a unique variety on your treatment unit

With the PiezoLED ultrasonic handpiece, scaling becomes quicker and easier. Titanium sonotrodes with linear vibrations ensure highly effective treatment. Teeth and gums remain unaffected, even in thin areas, since circular light emissions enable optimum visibility for you, and you can work without fatigue due to the light, ergonomic design.

The KaVo SONICflex is a real all-rounder thanks to its diverse capabilities. With over 50 tips that can be switched with just one turn, it will soon become one of your most popular and versatile instruments. Use the KaVo SONICflex for prophylaxis, endodontics, periodontology, minimally invasive caries treatments, surgery or preparation.





## Ergonomics and comfort in perfect harmony: the KaVo PHYSIO Evo

It is particularly important for dentists to adopt a healthy and comfortable posture in every treatment situation. Nothing influences your posture quite as much as the work chair on which you sit every day. That is why the KaVo PHYSIO Evo and Evo F are tailored precisely to the requirements and work processes of dentists and their assistants.



### Ergonomics hidden in the detail

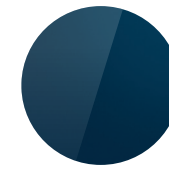
Thanks to separate adjustment functions, the seat surface and backrest can be adjusted individually to your anatomical requirements and your personal treatment style. The back and seat cushions of the KaVo PHYSIO Evo are ergonomically formed. The centred elevation in the seat cushion offers a stable seat and prevents slipping, even in the event of quick, short rolling movements. The rounded-off femoral rest offers great freedom of movement. Thanks to the spring-force supported backrest, the back muscles – in particular the lumbar spine – are permanently, actively supported and thus sustainably looked after. Seamless work processes and the best possible seating comfort thus become a matter of course with each treatment.

### An exceptional concept

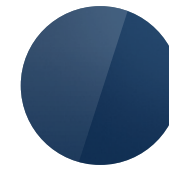
The KaVo PHYSIO Evo treatment chair has been awarded with a seal of quality from Germany's "Campaign for Healthier Backs" association (AGR). An independent, multidisciplinary expert commission bases this award on stringent assessment criteria for ergonomics and health.



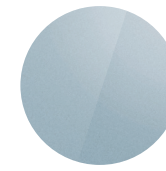
### Paint colours metallic



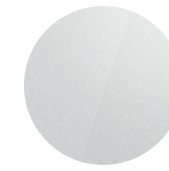
Night Blue  
metallic



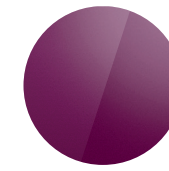
Smoky Blue  
metallic



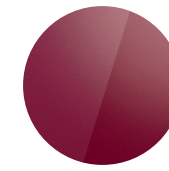
Blue Silver  
metallic



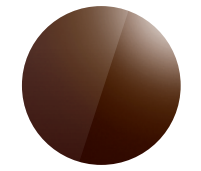
Silver  
metallic



Berry  
metallic

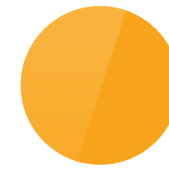


Purple Red  
metallic



Choc. Brown  
metallic

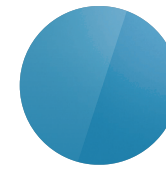
### Paint colours plain



Orange



Apple Green



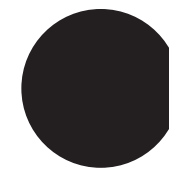
Ocean Blue



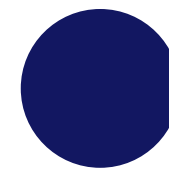
Dental White

*Colours shown may not be exact  
due to reproduction limitations.  
(Please order the KaVo colour chart!)*

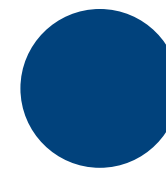
### Upholstery colours



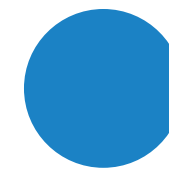
Black



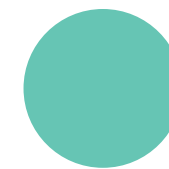
Night Blue



Smoky Blue



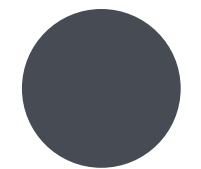
Ocean Blue



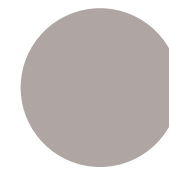
Mint



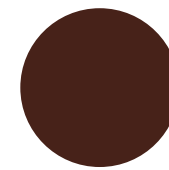
Greenery



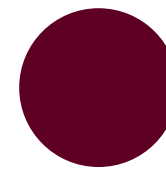
Anthracite



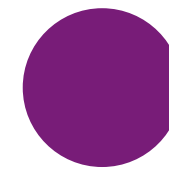
Pearl Grey



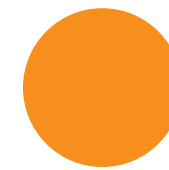
Choc. Brown



Purple Red

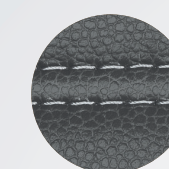


Berry

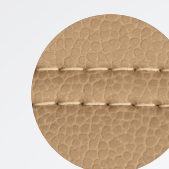


Orange

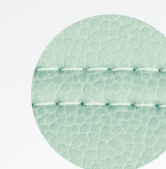
### RELAXline Softpolster



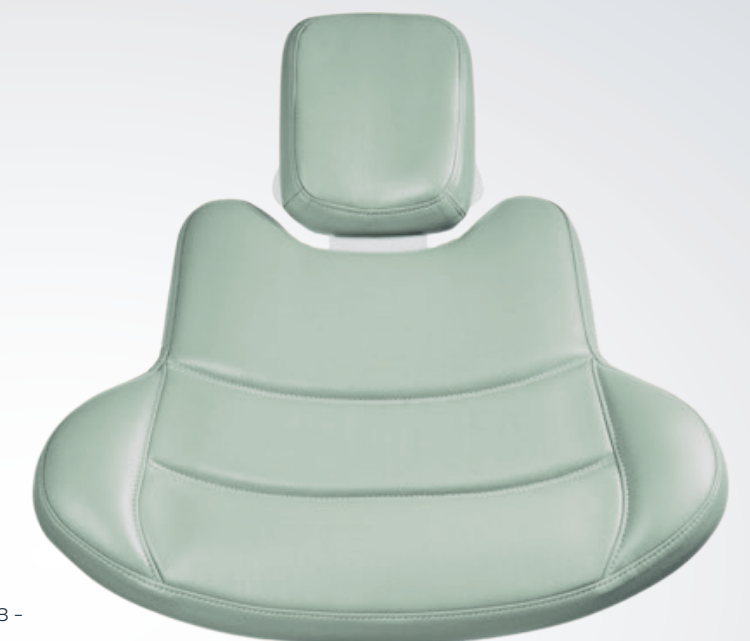
Graphite



Cashmere



Agave





# Equipment options

	TM	S		TM	S
<b>Patient chair</b>			<b>Assistant element</b>		
Standard	●	●	Spray mist suction	●	●
COMPACTchair	○	○	Saliva ejector	●	●
Soft upholstery	●	●	2nd Saliva ejector	○	○
RELAXline soft upholstery	○	○	Triple function handpiece	○	○
			Minilight triple function handpiece	○	○
<b>Backrest</b>			Multi function handpiece	○	○
Progress	●	●	Curing light Satelec MiniLED	○	○
Comfort <sup>1</sup>	○	○	Support for tray holder	○	○
			Swivel and height-adjustable	●	●
<b>Headrest</b>			Assistant element		
Double-jointed with push button	●	●	Right/left swivelling and		
Comfort head cushion	○	○	height-adjustable assistant element <sup>3</sup>	○	○
			Suction tube guide	○	○
<b>Armrest</b>			Selective support kit	○	○
Right	○	○			
Left	○	○	<b>Unit body</b>		
			Porcelain spittoon bowl	x	x
<b>Dentist element</b>			Glass spittoon bowl	x	x
Turbine hose	○	○	VACUstopp	●	●
KL-Motor 701	○	○	Permanent germ reduction <sup>4</sup>	●	●
KL-Motor 703 LED™	○	○	Intensive germ reduction <sup>4</sup>	○	○
Triple function handpiece	x	x	HYDROclean	●	●
Minilight triple function handpiece	x	x	Warm water heater	○	○
Multi function handpiece	○	○	MEDIAgateway	●	●
SMARTdrive™	●	●	Wireless foot control	○	○
Integrated torque control (endo)	○	○			
COMFORTdrive™	○	○	<b>Supply system</b>		
PiezoLED™ ultrasonic scaler	○	○	Water block DVGW	x	x
SONICflex™ sonic scaler	○	○	Water block, compact	x	x
MEMOdent multi-function display	●	●	Water bottle DVGW	x	x
Panorama X-ray image viewer <sup>2</sup>	○	○	Low-pressure regulator	○	○
(on light attachment bar)			Connection to external device	○	○
Tray holder for US tray	x	x			
Tray holder for 1 standard tray	x	x	<b>Disposal system</b>		
Tray holder for 2 standard trays	●	●	External suction	x	x
Spray heating for instruments	○	○	DÜRR amalgam separator	x	x
Physiological saline solution	○	○	DÜRR automatic separator	x	x
Anti-reflux valve for instruments	●	●	Solids collector kit	x	x
USB interface	○	○			
			<b>Miscellaneous</b>		
<b>Patient communication</b>			KaVo PHYSIO Evo/Evo F	○	○
KaVo Screen One	○	○	KaVoLUX™ 540 LED	○	○
KaVo Screen HD	○	○	Light attachment bar	○	○
CONEXIO™	○	○	Adapter for light attachment bar	○	○
KaVo ProXam iCam	○	○	Patient service box	○	○
KaVo DIAGNOcam Vision Full HD	○	○	DEKASEPTOL Gel basic set	●	●

● Standard equipment (versions may differ according to country) ○ Optional equipment x Must be selected

1. Only with COMPACTchair patient chair

2. Not in conjunction with multimedia

3. Not in conjunction with COMPACTchair patient chair

4. Only with DVGW water block and DVGW water bottle