

KaVo practice equipment

DENTAL
EXCELLENCE



KAVO
Dental Excellence



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The products, equipment and services shown and described in this catalogue are not available in all countries. All information corresponds to the knowledge available at the time of printing.



1910



1950



1930



2010



1970



2025

KaVo Highlights Dental Excellence for over 110 Years.

With a large number of patents and utility models, KaVo is constantly keeping its promise of "Dental Excellence". Our innovations have helped us to set new standards and we continue to work on exceeding your expectations.

KaVo 1010 dental unit –
With a built-in, automatic spray device for cooling technology

KaVo 1025 dental unit –
Ergonomic Sensation!
For the first time, patients can be treated lying down.

KaVo ESTETICA 1040 –
Sets new aesthetic and functional standards

KaVo Regie 1050 – Winner of the design award

KaVo ESTETICA E80 –
This suspended chair with outstanding ergonomics won KaVo an award from the "Campaign for Healthier Backs" association (AGR)

KaVo uniQa – The new premium compact class

1936

KaVo 1001 – First mass-produced dental unit

1951

KaVo 1012 – The turbine is integrated into a fully functional dental unit

1957

1964

KaVo 1021 – The first dental unit with free-hanging tubes

1967

1970

KaVoLUX – Operating lights with outstanding light quality

1983

2002

KaVo Primus 1058 – becomes a best-seller as an all-round, mid-range dental unit

2007

KaVo ESTETICA E70/E80 Vision – The integrated touch display and hygiene centre simplify the daily workflow

2015

2022

2025

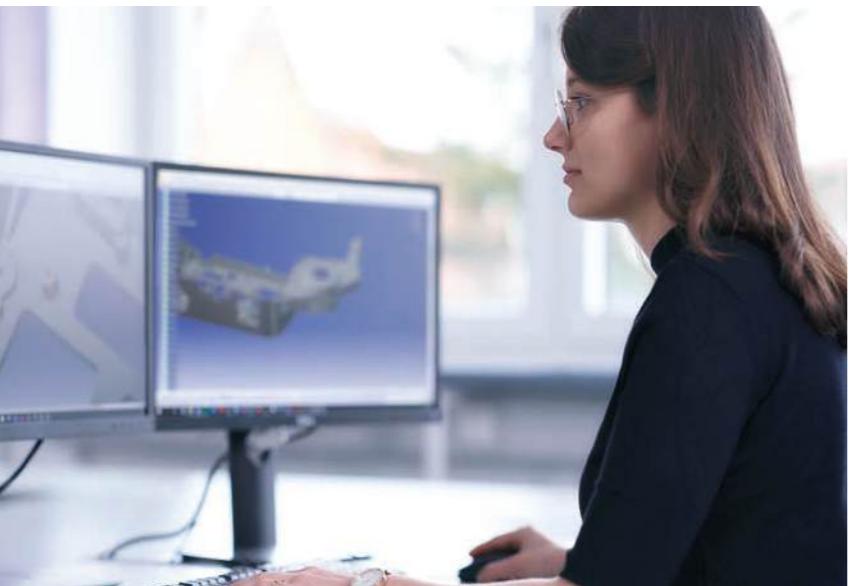
KaVo amiQa – the essential new mid-range dental unit

FROM EXPERTS, FOR EXPERTS

KaVo dental units are made from the best materials and based on your needs.

But it all starts with your needs.

The development of a KaVo dental unit usually begins in dental practices like yours: During countless technical discussions all around the globe, we bring your needs and suggestions to the drawing board and use them to determine performance characteristics for new KaVo dental units. Even more comfort, intuitive usability, simpler hygiene processes: Your ideas become our product developers' objectives.



218 KG

of metal is used in an average E80 Vision unit

It takes more than
3,300

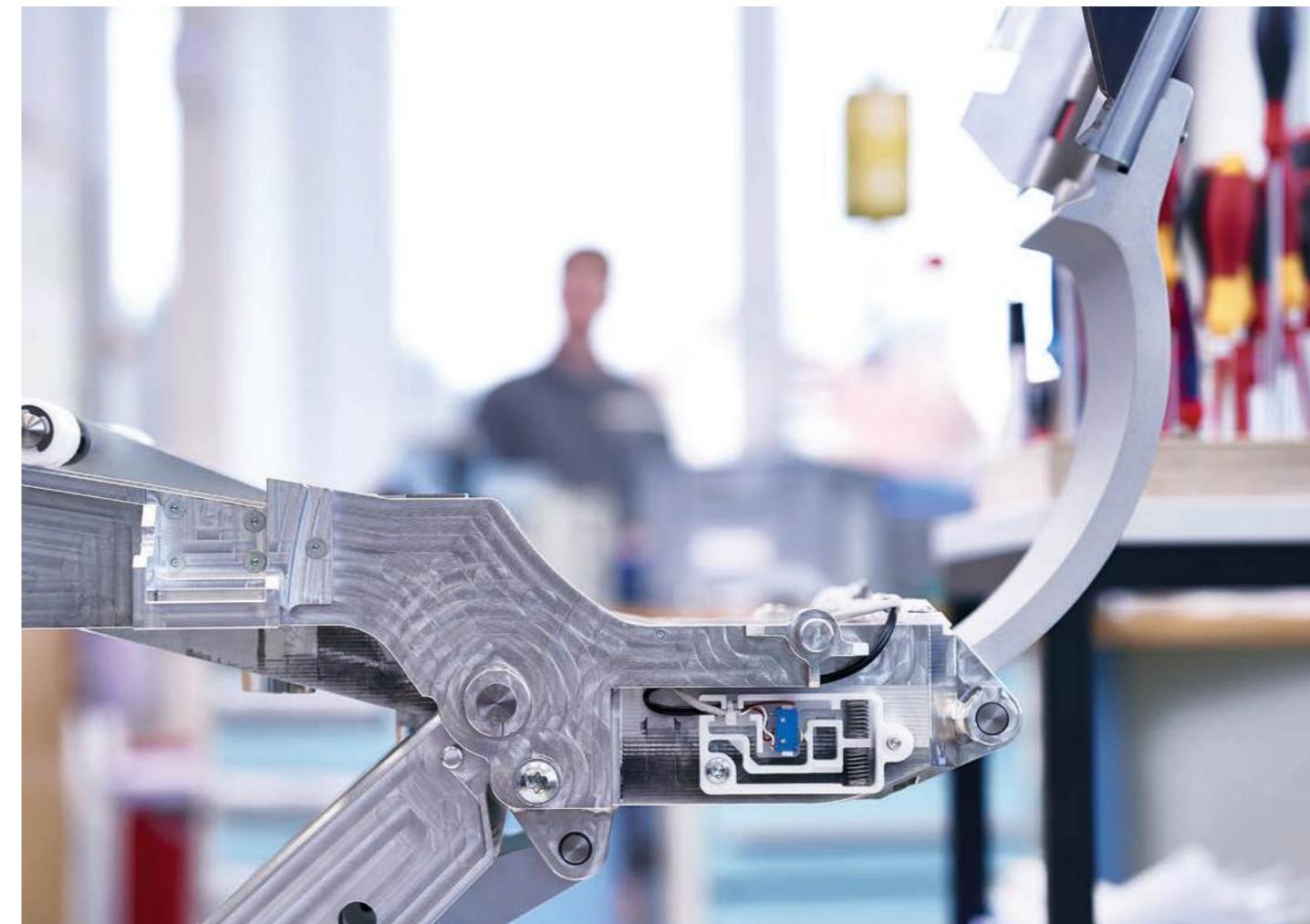
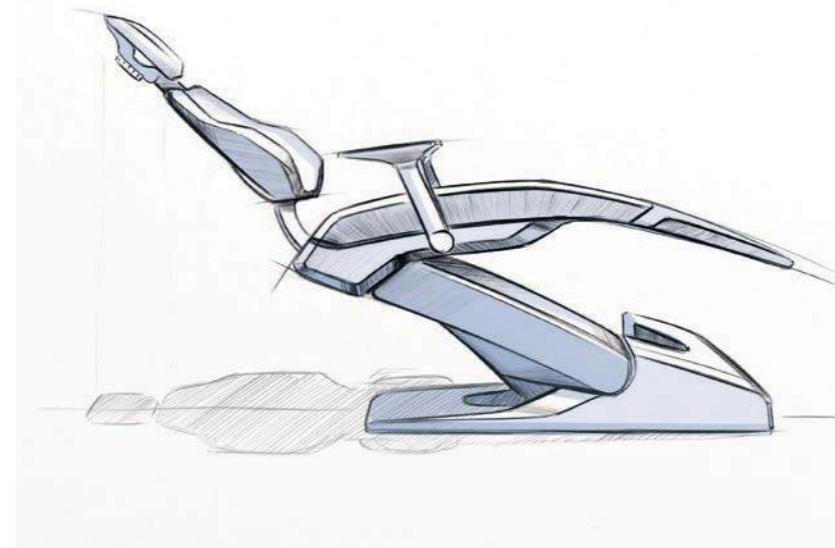
individual components to assemble a dental unit.

The future is: Made in Biberach.

To ensure that new KaVo products meet the highest requirements, our innovations are always created through teamwork: specialists from design, construction, development, marketing and sales work together throughout the entire product development process. The initial drawings are converted to 3D data; the first styrofoam models become final prototypes.

Tested in Biberach, proven in practice.

Since KaVo dental units are designed to last, they are subjected to numerous demanding tests before being sent into production. Does the sample design meet all of the defined criteria? Does the functional model, which consists



largely of 3D-printed parts, meet the ergonomic requirements, the desired handling needs and the approved design?

Then the prototype has to prove its function: Are the statics, the mechanical safety and the electromagnetic compatibility all on point, and does the model pass the electrical safety, load and endurance tests? The first tools for batch production are not created until everyone is satisfied. Every single production component must then pass various tests before the product can be sent for the final practical tests. As soon as any questions are resolved regarding the quality and function of the treatment centre, the pre-production tests are completed and the product can be launched to market.

MADE IN BIBERACH

All made by hand!
The quality of KaVo feels right.

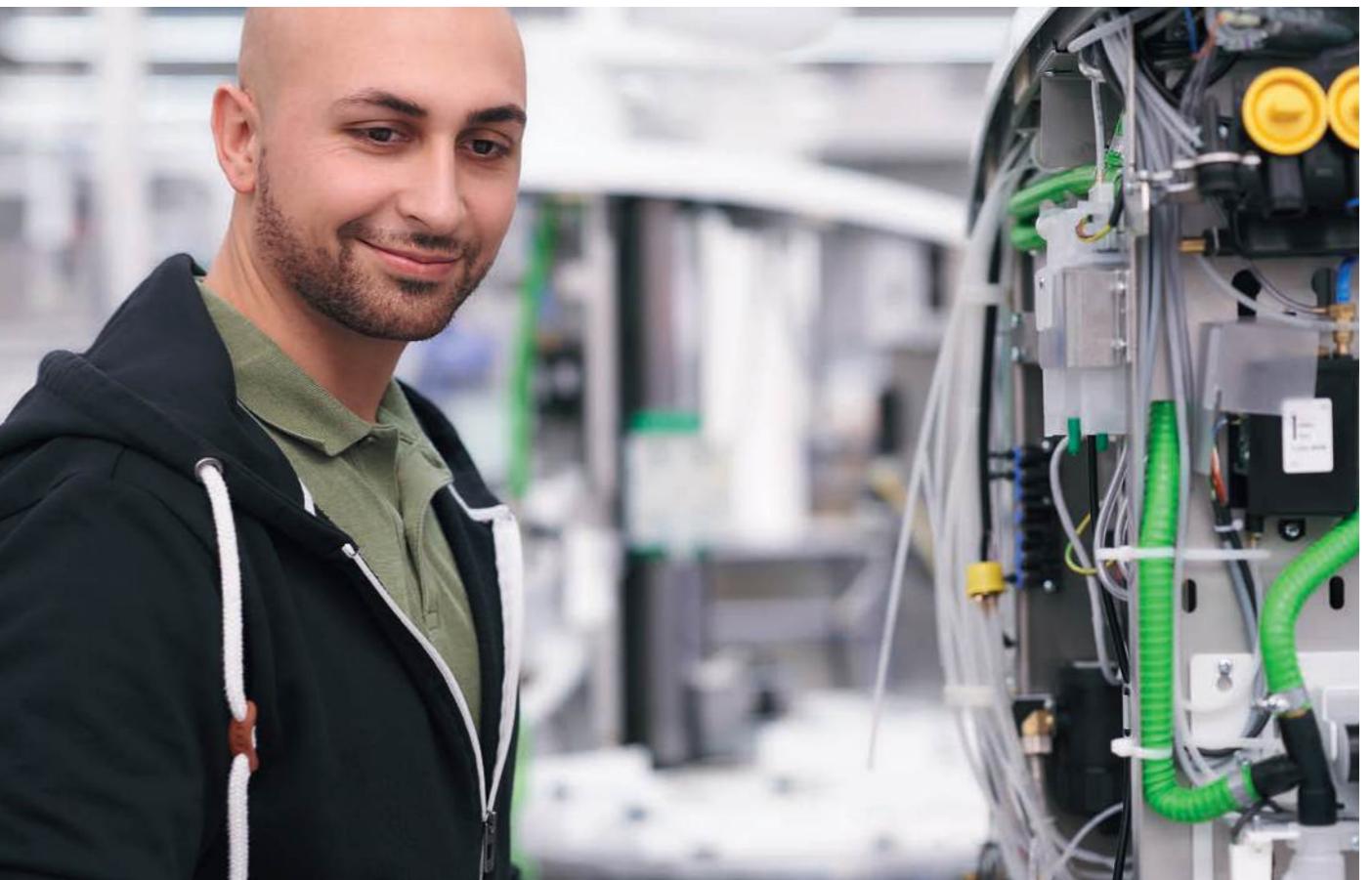
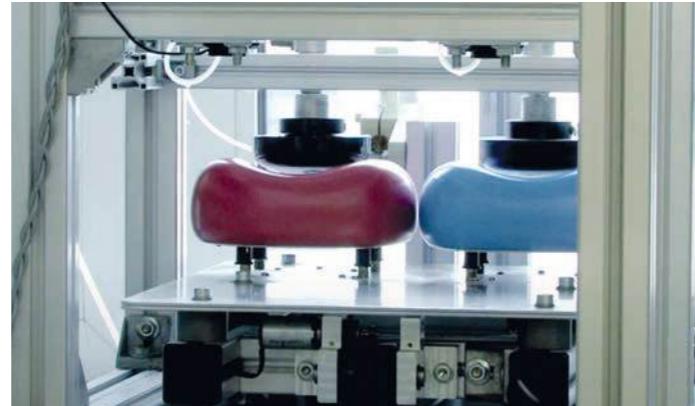


While other providers might be headquartered in Germany, their production was outsourced long ago. KaVo meanwhile remains true to the „Made in Germany“ quality promise. All KaVo dental units are developed and assembled in Biberach. We devote over 50 hours to the production of a KaVo ESTETICA E70/E80 Vision and some aspects are still done by hand. There are no robots used in our in-house paint shop and the functional tests carried out on each device are completed 100% by hand.

OVER 1,500
employees worldwide ensure high product quality, best-practice customer service and maximum customer satisfaction.



More than
53,000
the amount of times the Primus 1058 has been produced and sold.



210
upholstery options are manufactured in Biberach.



Precision in detail.

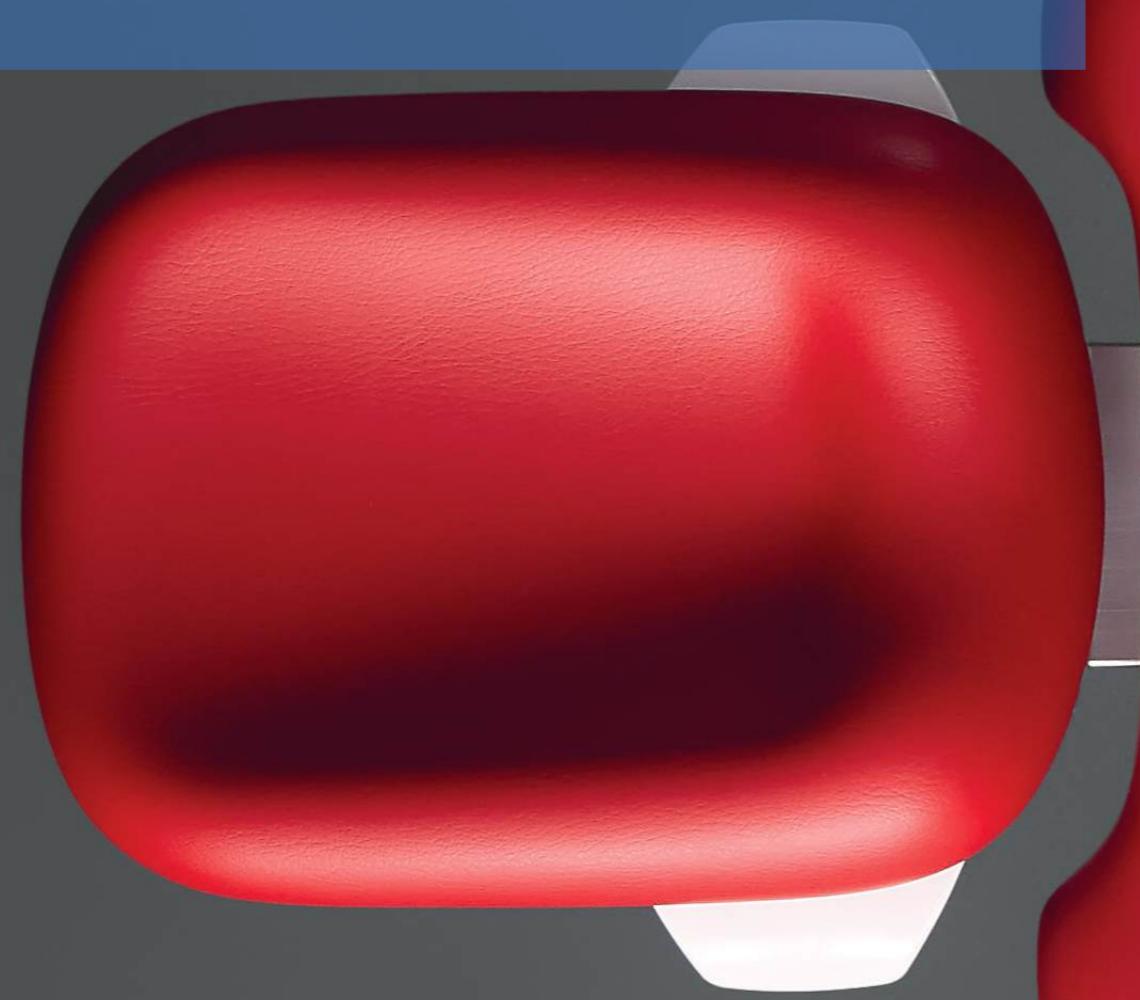
And to really maintain these high standards throughout the entire chain, we even manufacture the upholstery in-house.

Quality that pays off.

To be fully ensured of our precision finishing, each and every unit, without exception, is subjected to a comprehensive inspection before it is shipped. This prevents any costly downtime for you and safeguards the performance of your dental unit in the long term.

DENTAL UNITS

YOUR NEEDS,
OUR INSPIRATION



KaVo PORTFOLIO

KAVO

KaVo ESTETICA E30



KaVo amiQa



KaVo uniQa

KaVo ESTETICA E70 Vision



KaVo ESTETICA E80 Vision



Instructional videos about the KaVo
dental units for dentists & teams
<https://www.kavo.com/en/instruction>

KaVo – The dental unit. An investment in your health.



KaVo dental units are your dependable practice partners. They are unrivalled when it comes to promoting a natural posture with exceptional freedom of movement and short reach distances. They also provide the ideal ergonomic solution for every conceivable treatment situation. We aim to combine the highest standards of hygiene with an aesthetic design to optimise user and patient experience. This perfectly harmonised package for the dental workplace includes a long service life and total reliability – Made in Germany.



ERGONOMICS

The ultimate in comfort for dentists and patients alike. The wellbeing and long-term health of your practice team is our top priority.



USER EXPERIENCE

Ingenious functionality meets smart customisation – a winning combination for efficient, successful dental practices.



HYGIENE

Greater safety in every process – discover what comprehensive hygiene looks like with KaVo. Experience our fully automatic processes and smart, intuitive hygiene solutions for yourself.



QUALITY

Proven reliability because it's Made in Germany – KaVo has been offering the ultimate in quality for over 100 years. We use only high-quality, robust components and check all products for strict compliance with the most exacting international and internal quality standards. For added durability, stability and reliability.



KAVO

ESTETICA

E70 / E80 Vision
The masterpiece.

It all started with an idea, a vision. With your suggestions in mind, we managed to implement exactly what you needed: easier operation, smooth workflows, modern patient communication, access to patient data and automated hygiene practices. You asked us to keep what worked. Now it has become your vision: a concept that makes your work day easier.

- Ergonomic suspended chair concept that can be lowered to 350 mm or raised to 900 mm, and a narrow backrest for essential legroom, with a weight capacity of up to 180 kg
- Next-generation touch display with brilliant resolution and impressively rapid response time
- KaVo CONNECTbase for easy patient communication at the dental unit itself
- Extremely lightweight, high-precision multifunctional foot control for fatigue-free, ergonomic working while standing or sitting – also available as a wireless version
- Integrated hygiene centre for instrument and suction hoses, ensuring time-efficient automated cleaning and germ reduction, plus intuitive instructions
- Optionally integrated endodontic and surgical function
- The E80 Vision offers motorised seat elevation for unparalleled patient comfort, plus motorised horizontal tracking to make your work easier
- The E80 Vision comes with six instrument holders as standard, while the E70 Vision's five standard holders can be expanded to six
- Motorised swivelling cupidor
- Striking lighting element for indirect light and a relaxing spa vibe
- E80 Vision available with Table or Cart delivery options / E70 Vision available with Table, Swing-arm or Cart delivery options



Superlative working comfort.

- AGR-certified suspended chair concept with horizontal tracking promotes healthy posture
- Supreme comfort for practitioners and patients with premium components from KaVo
- A relaxing atmosphere: indirect lighting and SPAlight.
- Large height adjustability range for maximum versatility
- Lightweight, multifunctional and ideal for relaxed working: the ergonomic KaVo foot control
- See more with the new KaVo Lumina treatment light

Cutting-edge technology, intuitive handling and maximum efficiency for a premium practice experience.

- Responsive, intuitive, quick and easy to use: high-resolution 7" and 12" touch display
- Efficient working: rapid access to all functions optimises your daily work
- Central control: quick and easy operation of patient chair, hygiene and treatment light functions for dentists and assistants
- Straightforward patient communication at the unit for trust and transparency

A feel-good experience before, during and after treatment!

- Maximum treatment safety and reliability: KaVo DVGW water block – the undisputed pioneer
- Fully automated hygiene centre takes care of water-bearing lines and suction systems
- Expert guidance with easy step-by-step instructions
- Unique suction germ reduction with gel ensures impressive performance for suction hoses

Designed, developed and manufactured in Germany.

- Extremely sturdy: solid base formed of 318 kg metal
- High-quality plastics: certified for exacting requirements in everyday practice
- Low-maintenance and easy to service: cutting-edge technology meets tried-and-tested electronic components
- Reliable even under heavy loads: tested for a service life of over 10 years and at loads of 700 kg
- Rapid professional assistance: expert service in person and via the hotline



High-resolution ingenuity at your fingertips.

With the highly sensitive, responsive touch display, you can control your KaVo ESTETICA E70/E80 Vision more intuitively and quickly than ever before. The KaVo operating philosophy and the design of the user interface are geared towards efficient workflows and

effective practice procedures. The self-explanatory operating logic and quick access buttons allow you to access all essential functions and information immediately in any treatment situation.

Utterly intuitive and hygienic.
The highly sensitive user interface of the dentist element with premium glass surface



KAVO uniQa

Uniquely premium.

The KaVo uniQa satisfies all your requirements – from both a technical and an emotional standpoint. Intelligent features plus KaVo's signature precision and overall high quality support successful everyday treatments in the long term.

At the same time the KaVo uniQa leaves enough space for the individual expression of its owner and underlines the dentist's incomparable personality.

KaVo uniQa – when dental excellence becomes unique.

- Modern, compact, sporty-looking chair design with lowest position at 350 mm, top position at up to 830 mm, and load capacity of up to 185 kg
- Clean lines and new lighting elements in the curve segment provide indirect light and a relaxed ambience
- Next-generation touch display with brilliant resolution and impressively rapid response time
- Intuitive operating concept with quick and direct access to all important functions for time-saving and seamless treatment processes
- KaVo CONNECTbase for easy patient communication at the dental unit itself
- Convenient hygiene procedures: Integrated rinsing programs, DEKAmat and OXYmat, and the integrated hygiene centre for instrument and suction hoses, ensuring time-efficient automated cleaning
- Optionally integrated endodontic and surgical function: three different modes for file control and an expandable file database as well as a small, lightweight surgical motor plus integrated saline pump
- Now also available with right/ left swivelling assistant element: for even more flexibility for practices with left handed and right handed staff
- Four table versions: from the compact TM, S table and cart variants, which are also suitable for left-handed users, to the even more elegant and ergonomic T-table for right-handed users



Unique ergonomics – tailored to you.

- Optimal legroom and a slim backrest and headrest facilitate access to the patient
- Head-to-toe comfort for patients and users
- A relaxing atmosphere: indirect lighting and SPAlight
- Custom adjustment with wide height adjustment range and high load capacity
- Lightweight, multifunctional and ideal for relaxed working: the ergonomic KaVo foot control
- See more with the new KaVo Lumina treatment light

Cutting-edge technology, intuitive handling and maximum efficiency for a premium practice experience.

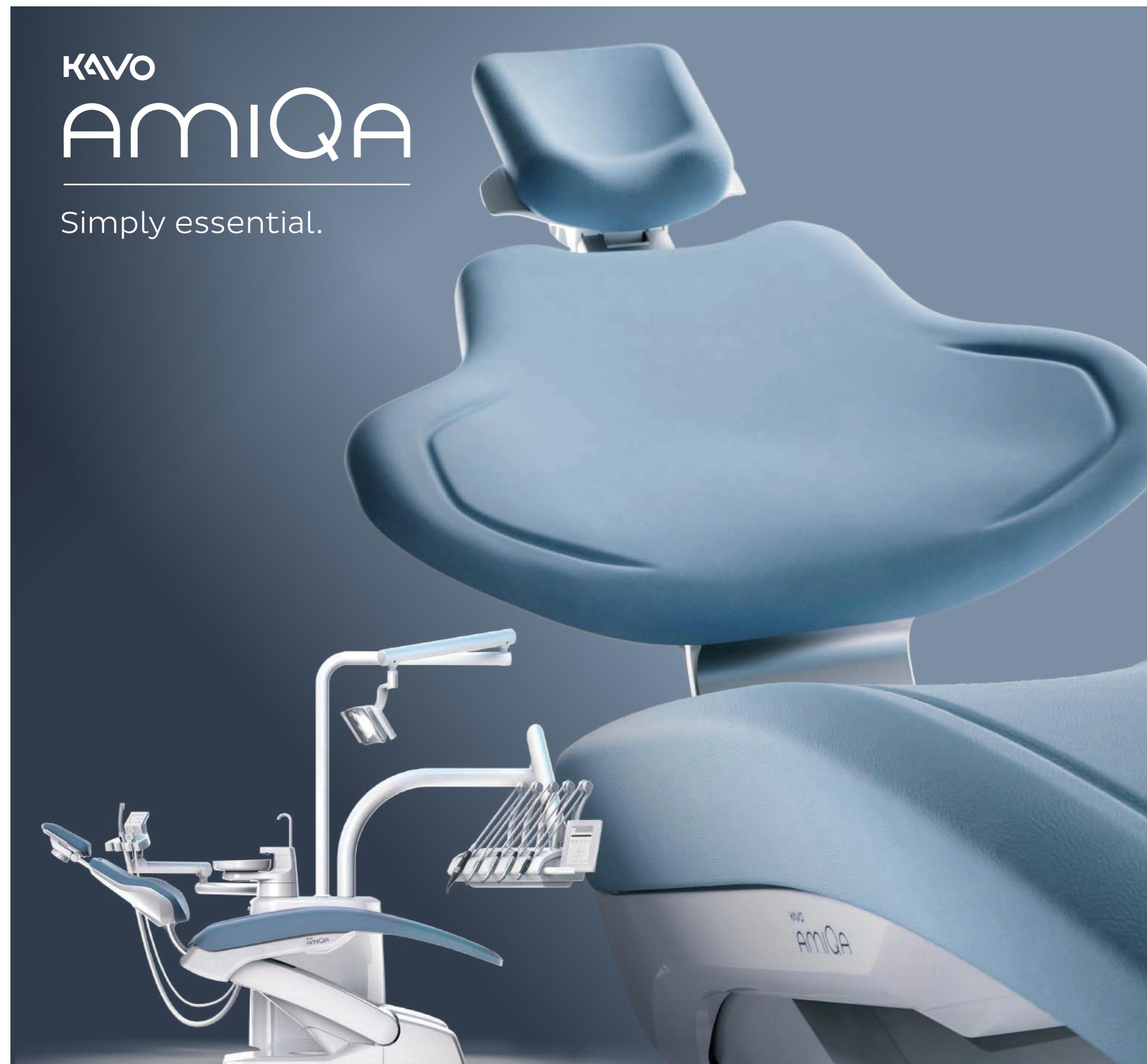
- Responsive, intuitive, quick and easy to use: high-resolution 7" and 12" touch display
- Efficient working: rapid access to all functions optimises your daily work
- Central control: quick and easy operation of patient chair, hygiene and treatment light functions for dentists and assistants
- Straightforward patient communication at the unit for trust and transparency

A feel-good experience before, during and after treatment.

- Maximum treatment safety and reliability: KaVo DVGW water block – the undisputed pioneer
- Fully automated hygiene centre takes care of water-bearing lines and suction systems
- Expert guidance with easy step-by-step instructions
- Unique suction germ reduction with gel ensures impressive performance for suction hoses

Designed, developed and manufactured in Germany.

- Extremely sturdy: solid base formed of 143 kg metal
- High-quality plastics: certified for exacting requirements in everyday practice
- Low-maintenance and easy to service: cutting-edge technology meets tried-and-tested electronic components
- Reliable even under heavy loads: tested for a service life of over 10 years and at loads of 660 kg
- Rapid professional assistance: expert service in person and via the hotline



KAVO AMIQQA

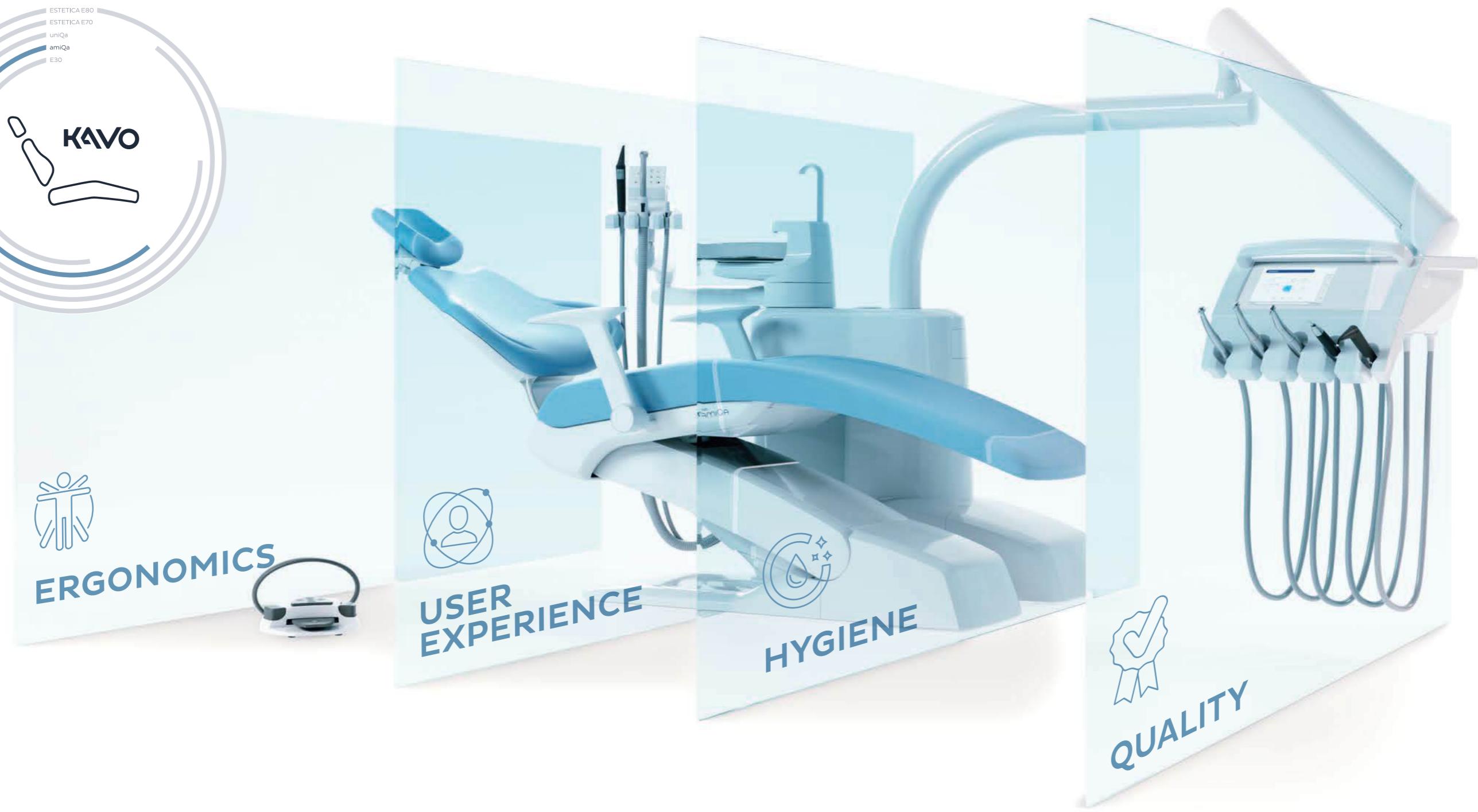
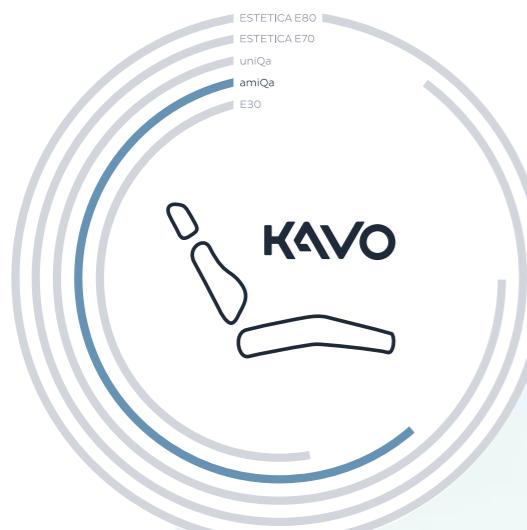
Simply essential.

The KaVo amiQa distils the KaVo DNA into a streamlined concept: top quality, simple yet ingenious hygiene processes, sophisticated ergonomics and fresh design.

From basic features to specialist equipment, the amiQa delights its users with its external and internal qualities.

Something you can rely on: the KaVo amiQa is your steadfast companion – ideally for a lifetime.

- Stylish, sporty-looking design and clean lines with lowest position at 350 mm, top position at up to 830 mm, and load capacity of up to 185 kg
- Compact dentist element with 4 instrument holders; versions with 5 or 6 holders also available
- Optional lighting elements for offset light and a relaxing spa vibe
- High-resolution 7" touch display: intuitive and tactile technology for rapid direct access to all key functions
- Intuitive operating concept with quick and direct access to all important functions for time-saving and seamless treatment processes
- Easy and network-independent patient communication with the standalone KaVo CONNECTbase or the networked version with CONNECTlink
- Intuitive hygiene guide and compact hygiene centre for automated rinsing and germ reduction of instrument hoses. Additional water tap for suction hoses
- Wide range of equipment options from the basic to specialist: for all indications, including integrated endodontic and surgical functions
- Three compact table models for right- and left-handed users: TM-table, S-table and Cart



The best choice – in every position.

- Optimal legroom and a slim backrest and headrest facilitate access to the patient
- Head-to-toe comfort for patients and users
- A relaxing atmosphere: offset lighting and SPAlight
- Flexible adjustment thanks to a wide height adjustment range and high load capacity
- Lightweight, multifunctional and ideal for relaxed working: the ergonomic KaVo foot control
- See more with the new KaVo Lumina treatment light

Cutting-edge technology, intuitive handling and maximum efficiency for a premium practice experience.

- Responsive, intuitive, quick and easy to use: high-resolution 7" touch display
- Efficient working: rapid access to all functions optimises your daily work
- Central control: quick and easy operation of patient chair, hygiene and treatment light functions for dentists and assistants
- Straightforward patient communication at the unit for trust and transparency

A feel-good experience before, during and after treatment!

- Maximum treatment safety and reliability: KaVo DVGW water block – the undisputed pioneer
- Fully automated hygiene centre handles water preparation and processes
- Expert guidance with easy step-by-step instructions
- Unique suction germ reduction with gel ensures impressive performance for suction hoses

Designed, developed and manufactured in Germany.

- Extremely sturdy: solid base formed of 143 kg metal
- High-quality plastics: certified for exacting requirements in everyday practice
- Low-maintenance and easy to service: cutting-edge technology meets tried-and-tested electronic components
- Reliable even under heavy loads: tested for a service life of over 10 years and at loads of 660 kg
- Rapid professional assistance: expert service in person and via the hotline

KAVO

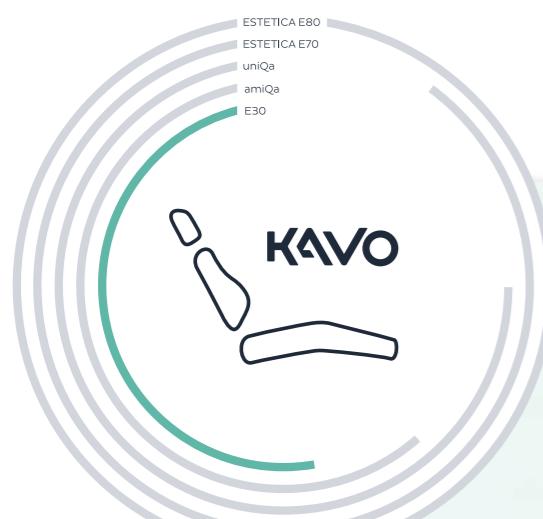
ESTETICA E30

The entry into the KaVo world.

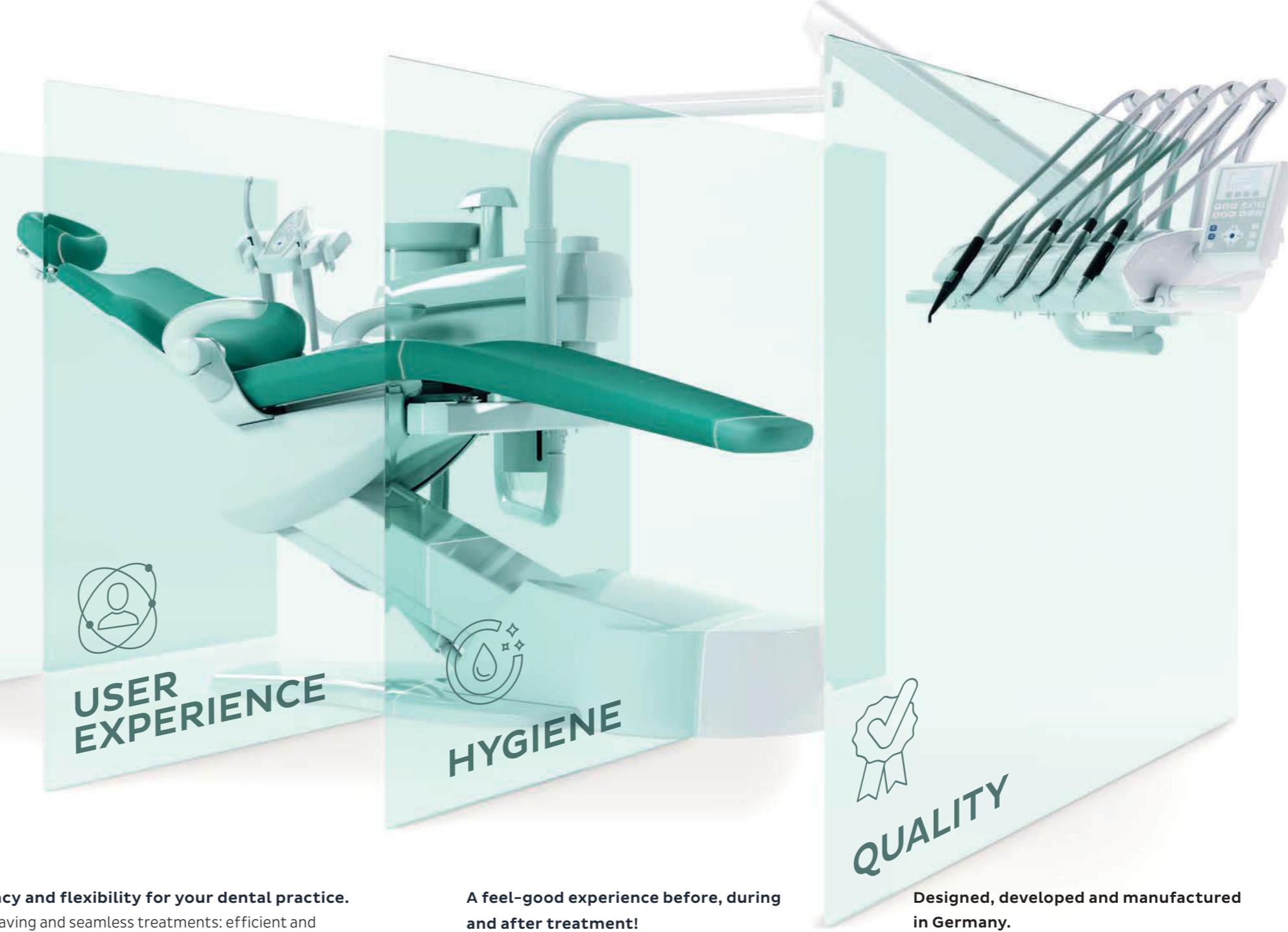


Are you looking for an easy-to-use dental chair that offers you quality, reliability and efficiency? Here it is: The KaVo ESTETICA E30 combines convenience and efficiency as part of your daily workload. Clever technology and integrated service functions ensure cost-efficient operation. We call it the essence of Dental Excellence at affordable entry-level pricing. You will simply think: I love it!

- Proven KaVo technology and simple operating concept
- Streamlined chair design
- Ergonomic soft upholstery form
- Max. patient weight up to 180 kg
- Lowest position of 350 mm, highest position of 830 mm
- Individually configurable to match your needs
- Ambidextrous dental unit (optional)




ERGONOMICS



KaVo streamlined dental unit design: Proven ergonomics and comfort for fatigue-free treatments.

- Ergonomics, Comfort and Efficiency: The KaVo chair promotes ergonomic working positions, reducing tension and enhancing comfort
- Optimal patient positioning thanks to Trendelenburg movement
- Patient Comfort: Standard or RELAXline upholstery
- Relaxed Atmosphere: SPAlight ensures a great patient experience
- Maximum flexibility: 350–830 mm adjustable height of the patient chair for every treatment situation
- Ergonomic Foot Control: Hands-free chair and handpiece operation for better usability & hygiene
- See more with the KaVo Lumina operating light: UX Light and COMPOshape mode for optimal illumination and reduced fatigue

Efficiency and flexibility for your dental practice.

- Time-saving and seamless treatments: efficient and error-free handling with direct buttons and KaVo's colour-coding concept
- Maximum flexibility for your team and every treatment scenario: easily switchable between right- and left-handed operation in under two minutes
- Easy Accessibility: a wide swiveling assistant element ensures smooth workflows

A feel-good experience before, during and after treatment!

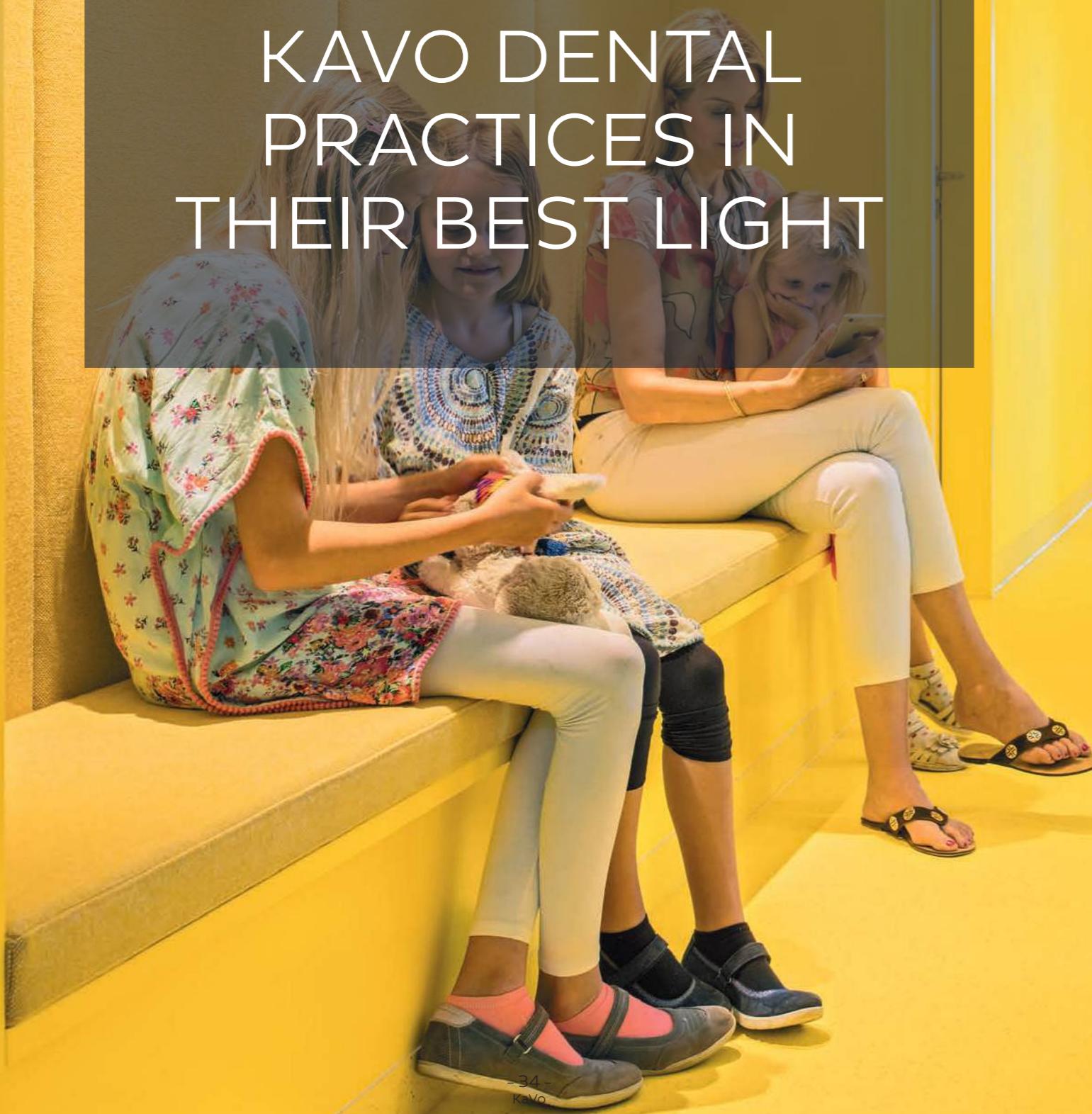
- Unique suction germ reduction with gel ensures impressive performance for suction hoses
- Water germ reduction ensures the highest level of patient safety
- Easy to clean and disinfect thanks to smooth surfaces, small gaps and high-quality materials

Designed, developed and manufactured in Germany.

- Extremely sturdy: solid base formed of 204 kg metal
- High-quality plastics: certified for exacting requirements in everyday practice
- Low-maintenance and easy to service: cutting-edge technology meets tried-and-tested electronic components
- Reliable even under heavy loads: tested for a service life of over 10 years and at loads of 1000 kg
- Rapid professional assistance: expert service in person and via the hotline

INSIDE THE DENTAL PRACTICE

KAVO DENTAL
PRACTICES IN
THEIR BEST LIGHT



MODERN MEDICINE IN PRISTINE SPACES



The Schaefer dental practice in Saarbrücken (Germany) is already on its second generation of practitioners dedicated to giving patients a healthy and beautiful smile. After several years of successful practice in the original space, Malte Schaefer redesigned the space in 2017 based on his own ideas: it should be modern, clearly structured and high quality. It made sense for all of the treatment rooms to share an identical design, with a uniform lighting concept that supports optimal work conditions with cabinetry



Smooth surfaces, concrete and glass create professional clarity. The uniform design language with rounded elements creates comfort.

The KaVo ESTETICA E80 Vision was initially conceived in the warehouse. Optics, function and quality were identified as crucial factors. Now it's become a centrepiece, impressing staff and patients alike with—among other things—its quiet operation and speed, and the freedom of movement that it offers the practitioner.



and worksurfaces made of Corian: A highly durable and sustainably-produced mineral material that is both very hygienic and low maintenance.

A personal mix of purity and nature.

The new practice not only radiates in a symbolic shade of white, a colour that conveys values such as cleanliness, purity and truth, but it also impresses patients with its feel-good atmosphere. "Hygiene and professionalism were particularly important to me during the planning, but so was my personal design style. I planned the space in such a way that I would feel comfortable myself," says Malte Schaefer. The large moss piece of artwork, which is on the way to the treatment rooms, enhances this concept. It provides a striking contrast against the smooth, white surfaces and the cool grey hues. "The picture is like an art object, it looks like a small forest in which you are constantly discovering new details and perspectives."

PRACTITIONER:
Malte Schaefer
www.zahnarztpraxisschaefer.de

RANGE OF SERVICES:
Implantology (navigated implantology),
laser dentistry, aesthetic dentistry,
patients with anxiety, reconstruction
with functional measurement

PRACTICE:
4 dental assistants |
5 treatment rooms | In existence since
1986, remodelled in 2017



Get Inspired*:

PRISTINE PURITY

This practice impresses patients with its simplicity. Lots of smooth, white surfaces combine with the coolness of concrete – yet the overall feel is far from cold. Warmth is created by the round shapes, the relationship to nature in the form of the moss picture and, of course, ultimately by the team.

FEEL
GOOD



FIBULE - Modern white chair



SPHERE - Floor lamp made of chromed metal and plastic



TWIGGY - Side table with three drawers made of poplar wood, glossy white

* The collage shown here is not part of the interior design draft shown in the practice portrait.

It is only used for inspiration. Most of the practice's furniture was made to measure.

The furniture shown on this page can be found at www.maisondumonde.com.

COMPREHENSIVE AESTHETICS

PRACTICE:

Zahnzentrum Nord (Germany) | Lukas zum Broock (Sole owner, Managing Director and Dental Director of the MVZ Zahnzentrum Nord GmbH), with a team of five on-staff dentists | www.zahnzentrum-nord.de

RANGE OF SERVICES:

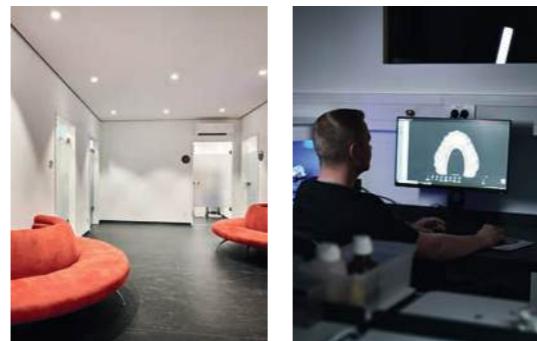
The full spectrum of modern dentistry (aesthetics, orthodontics, digital dentistry, oral surgery, implantology) with a digital CAD/CAM technology laboratory.

PRACTICE:

650 m² | 52 dental assistants | 8 treatment rooms | In existence since 2018



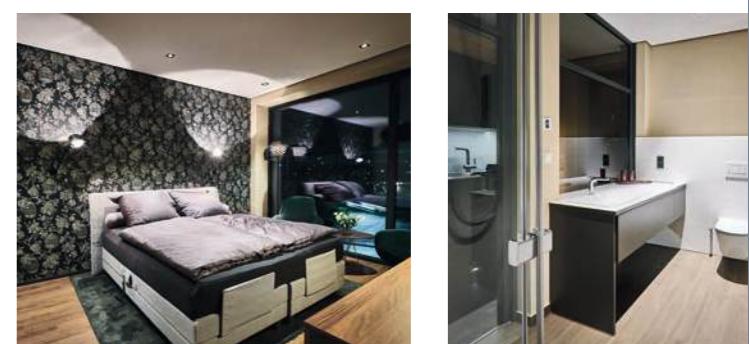
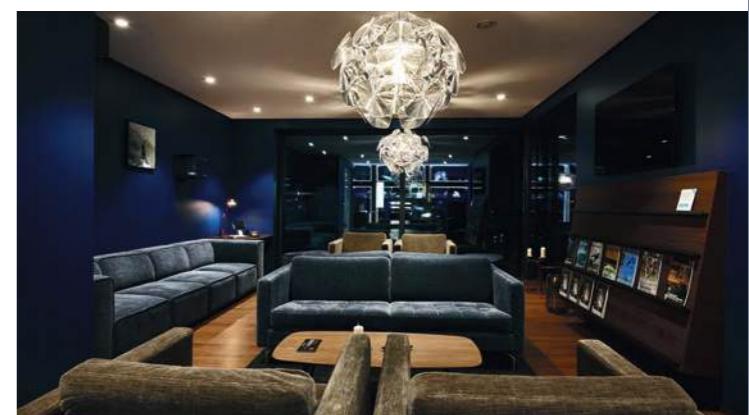
Lukas zum Broock



Pain-free, gentle, beautiful!

That is the official claim of the Zahnzentrum Nord. The two-story building houses a comprehensive, state-of-the-art dentistry practice: A separate unit deals with „restorative dentistry & prophylaxis“, two special rooms are available for surgical interventions and the in-house, fully digital practice laboratory plans and manufactures dental prostheses with the highest precision.

Island residents and foreign patients can feel completely at ease for the entire duration of their treatment in our luxurious, practice-owned suite. A kitchen, the fully-glazed bathroom and the large terrace leave nothing to be desired.

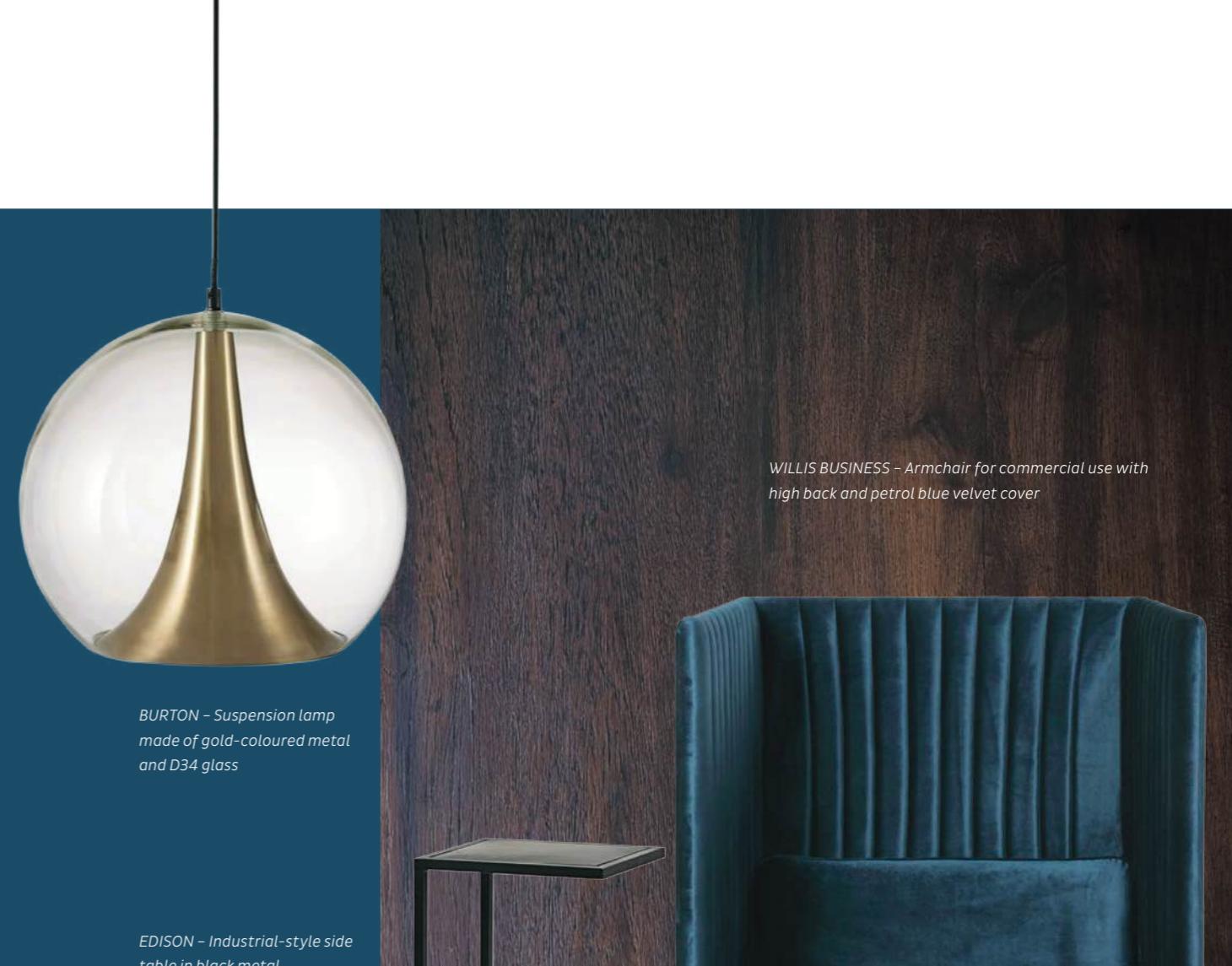


But the rooms are far from cold and unwelcoming. Warm tones, high-quality materials, targeted lighting and cosy textiles in the waiting area create an aesthetic appeal that conveys a feeling of closeness and trust.

Loving details such as Tintin collectibles and comics on the ceilings help patients get lost in good thoughts. Star Wars pictures hang in the toilets and motivational sayings and quotes from Stephen Hawking and Elon Musk guide you up the stairwell on your way to the first floor. Technology enthusiasts have the opportunity to observe the digital milling and construction of their teeth through the floor-to-ceiling window of the 4D dental technology laboratory. In addition to exclusivity, structure and professionalism were critical criteria when planning the practice: the entryway, waiting area and treatment areas are clearly separated by a light barrier and different types of flooring. Short walking distances, centralisation of instruments and materials, colour-coded boxes for the respective indications and accessibility to the treatment chair facilitate a smooth and relaxed workflow.

GET INSPIRED*: COSY ELEGANCE

Evoke emotions and stimulate the imagination – that's what this mix of wood, velvet and decorative metal and glass elements achieves. Together with the finely nuanced colour palette, an overall lounge-like feel is created.



* The collage shown here is not part of the interior design draft shown in the practice portrait. It is only used for inspiration. Most of the practice's furniture was made to measure. The furniture shown on this page can be found at www.maisondumonde.com.

AT HOME WITH THE KIEFER FAMILY



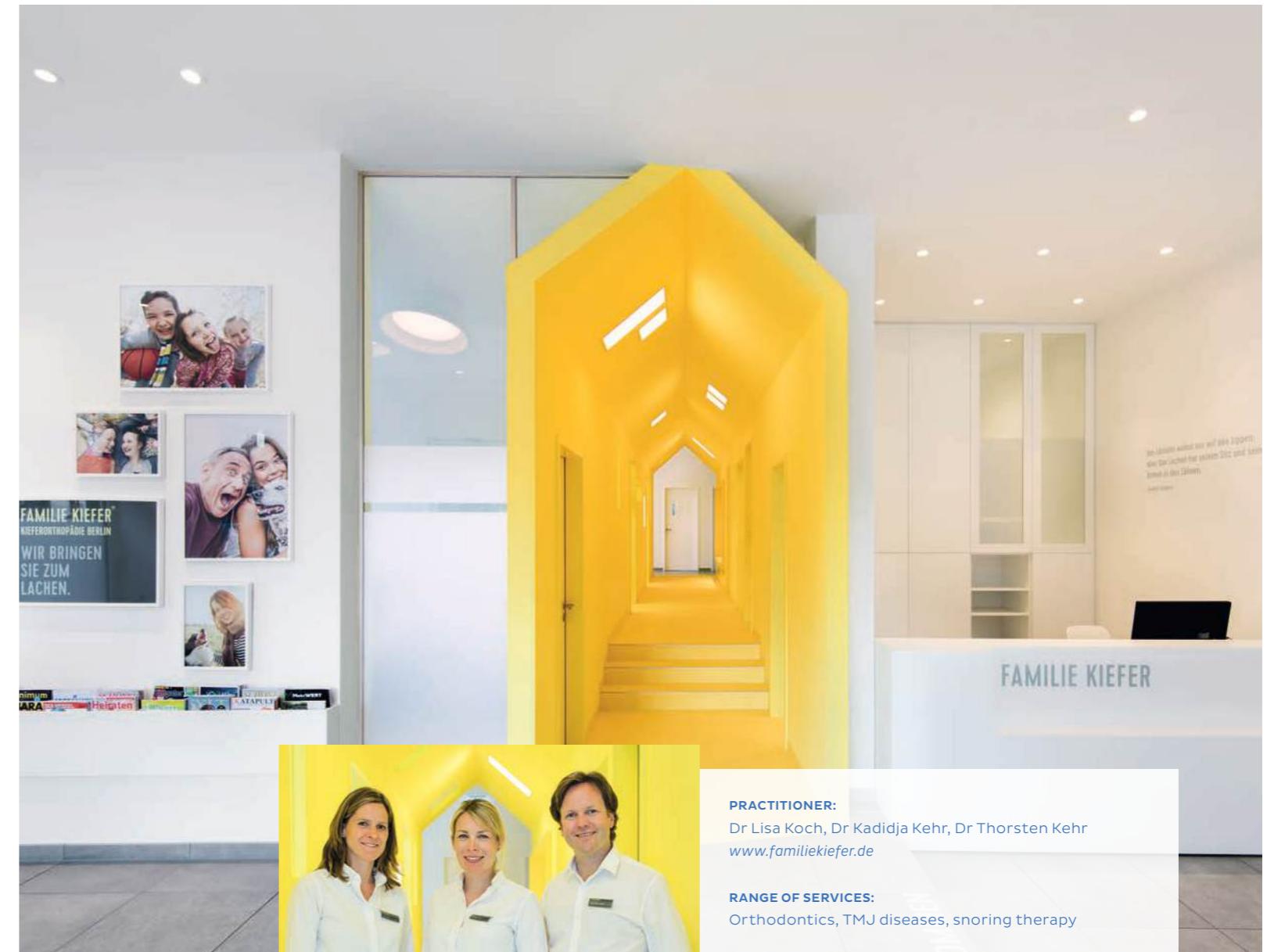
Colour is a central design element here. It provides orientation, gives structure to the rooms and distinguishes them according to their use. The effect of the colours is also purposefully planned. Blue has a calming effect and is therefore used in the treatment rooms. Yellow gives off warmth, is cheerful and inviting and the yellow house already greets the patient through the window with a ray of sunshine as they enter from outside.

Family – it's not just Thorsten Kehr and his wife and sister, who run the practice with him, but also the patients, big and small, and their families and friends, that make up the Kiefer family. This guiding principle is a skilful thread running through every area of the KIEFER FAMILY orthodontic practice in Berlin.

The focal point of the practice is the yellow house, a symbol of safety, solidarity and life. The house creates identity, gives structure, guides patients and transforms the hallway into an small adventure space. Windows and doors not only connect the adjacent areas, but also ensure the desired openness and transparency.

To give to house the glory it deserves, the adjoining rooms are deliberately subtle and predominantly white. Accents, such as photos of the numerous family members, adorn selected walls; emerald green gives a fresh touch to the prophylaxis rooms and patient toilets and the treatment rooms are kept in a soothing blue.

What is special, however, is the large table in the waiting area: the centre of every family life. Here you can flip through the pages of a magazine, do homework or play games. To facilitate this, board games are printed directly on the table so you can entertain yourselves or sit down for an



PRACTITIONER:
Dr Lisa Koch, Dr Kadidja Kehr, Dr Thorsten Kehr
www.familiekiefer.de

RANGE OF SERVICES:
Orthodontics, TMJ diseases, snoring therapy

PRACTICE:
7 dental assistants |
5 treatment chairs in 3 rooms |
existing practice concept since 2016

INTERIOR DESIGN:
Christiane Hornemann, Berlin

Quality, sustainability, outstanding technology and ergonomics, in addition to design and colour criteria, formed the basis for deciding on a KaVo treatment centre.

informal chat. All in all, it's a place that welcomes everyone and encourages them to feel at home.



GET INSPIRED*:

PLAYING WITH COLOUR



ZOEY – Round metal mirror, gold tone D110



ALDEN – Side table with two surfaces



ICE – Heather grey Scandinavian chair

The contrast of complementary colours with the clear design language of the furniture and playful elements such as the pictures creates an inviting mix of comfort and a professional practice environment.

* The collage shown here is not part of the interior design draft shown in the practice portrait. It is only used for inspiration. Most of the practice's furniture was made to measure. The furniture shown on this page can be found at www.maisondumonde.com.

HYGIENE

THE PUREST DELIGHT



Hygiene is made easy with the KaVo videos on
hygienic preparation of the dental units
<https://www.kavo.com/en/hygiene-videos-treatment-units>



When practical intelligence
translates to safe hygiene.

Hygiene has always been a focus in dental practice. We at KaVo are aware of our responsibility and have therefore been developing solutions for decades that make working in a dental practice safer and easier for everyone involved.



Hygiene has played an important role at KaVo since the 1920s. Back then, the first sterilisable handpieces were developed, offering dentists and patients better protection against infection at an early stage.



We know how important time and cost efficiency are to your practice. That's why throughout all of our development processes, we ensure that hygiene can be implemented in your practice not only safely, but also simply and efficiently from start to finish.

Safe and ready for use, thanks to intelligent hygiene functions.

Safety for your patients and you – that is our top priority. Therefore, features such as RKI-compliant instrument rinsing make efficient cleaning of our dental units a real pleasure. In addition, automated processes save valuable time and guarantees the functional reliability of your treatment centre.



Integrated permanent germ reduction

Continuous germ reduction with OXYGENAL 6 ensures that no microorganisms can spread during normal practice operations.



HYDROclean programme

The HYDROclean programme also ensures fully automatic cleaning of the suction and drainage system. The KaVo ESTETICA E70/E80 Vision, KaVo uniQa and, optionally, the KaVo ESTETICA E50 Life dental units are also cleaned with automated DEKASEPTOL gel dosing.



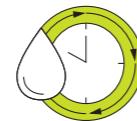
An extra dose of hygiene

The bottles of disinfectant and sanitising substance can be placed directly in the unit body of the KaVo ESTETICA E70/E80 Vision, the KaVo uniQa and the KaVo ESTETICA E50 Life with the DEKAmat kit. The automatic dosing of OXYGENAL 6 and DEKASEPTOL Gel means that your assistant does not have to mix and refill the agents by hand.



Intensive germ reduction

The intensive germ reduction process ensures the flawless quality of cooling and rinsing liquids even after long periods of inactivity.



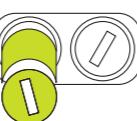
Instrument rinsing function according to Robert Koch Institute (RKI) guidelines

The rinsing programmes are based on the requirements of the RKI guidelines and thus guarantee optimal cleaning of the water-bearing tubes.



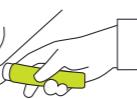
Hygienic tubes

The special materials of the water-bearing tubes prevent or minimise the formation of biofilm in your treatment system.



Hygienic filter

The easy and quick-to-change suction and filter sieves save your staff a lot of time on hygiene work.



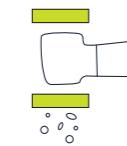
Detachable parts

The handles, silicone mats, cuspidors, instrument holders and swing arm are removable, easy to clean and some can be sterilised.



Contact-free operation

Functions such as the (wireless) foot control and the contact-free operation of the KaVo Lumina minimise the risk of cross-contamination and maximise safety for your patient.



Better protection through the spray water non-return valve

Protect your water supply system with the anti-suckback retraction in KaVo MULTIflex couplings and motors. This function prevents contaminated spray water from being drawn back into the tubes of the dental unit.

The treatment centre hygiene concept keeps you informed about the daily hygiene measures.



In the morning

- Rinse the instrument tubes and water-bearing systems
- Rinse the suction hoses and the suction system
- Clean and disinfect all device surfaces, upholstery, lights and the cuspidor
- Clean the suction system and the cuspidor



After treatment

- Rinse the suction hoses, the suction system and the cuspidor
- Clean and disinfect all device surfaces, upholstery, lights and the cuspidor
- Rinse the instrument tubes and water-bearing systems
- Clean and treat the complete suction system with DEKASEPTOL



After hours

- Check the sieve inserts
- Clean and disinfect all device surfaces, upholstery, lights and the cuspidor
- Rinse the instrument tubes and water-bearing systems
- Clean and treat the complete suction system with DEKASEPTOL



Weekly cleaning

- Intensive germ reduction of the instrument tubes and water-bearing systems
- Check the return air filter
- Clean and disinfect the instrument holders
- Clean and treat the complete suction system with DEKASEPTOL



As needed

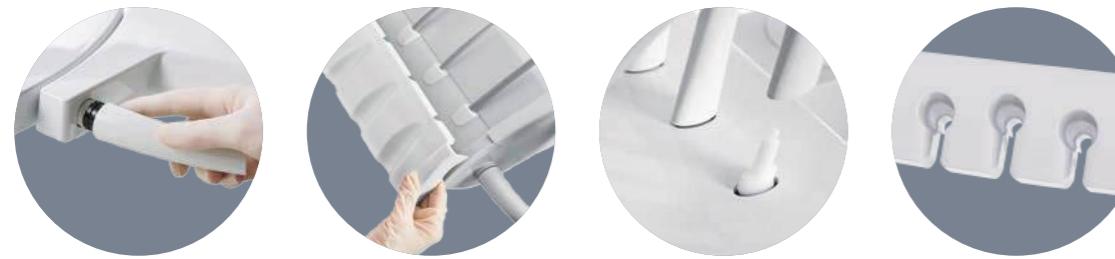
- Disinfect and sterilise the silicone tray
- Disinfect the tumbler filler and holder
- Clean and disinfect the instrument holder
- Check the amalgam trap

This hygiene concept only covers the essential operating functions. It does not replace the instructions for use or the care and cleaning plan included in the scope of delivery. These must be observed to avoid malfunctions and damage.



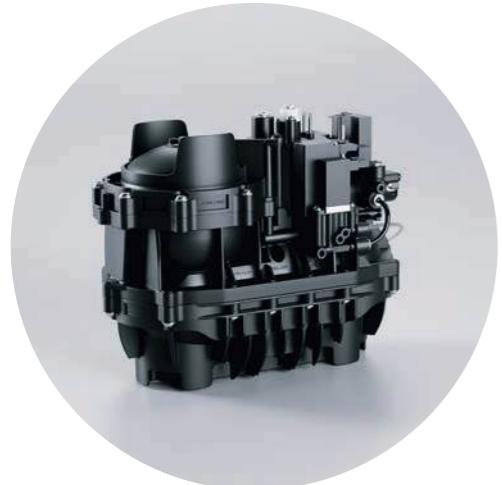
Clean solutions

For us, hygiene begins with the quality and processing of the materials. High-quality, easy-to-clean surfaces with minimum gap dimensions are a prerequisite for permanent safe and hygienic work. For easy disinfection, important parts of the device such as the instrument holder can be easily removed. To prevent dirt from entering your dental unit, all upper and lower parts of the housing are completely enclosed.



Detachable parts.

KaVo has also considered the manual elements. Easily remove contaminated device parts such as handles, instrument holders or cuspidors. These can be cleaned, disinfected or sterilised as required.



Safety, hygiene and flexibility – no exceptions, no compromises. With DVGW water block.

KaVo is setting new standards for the centrepiece of the dental unit with its next-generation water technology. The DVGW water block supplies spray and rinsing water for the instruments and the patient, and automatically dispenses the correct concentration of KaVo OXYGENAL 6.

The cascade design of the water block, prevents water from the dental unit from flowing back into the drinking water system. This maintains the quality of your water supply while consistently meeting the exacting DVGW standards. The cascade path is also cleaned by flooding the collecting basin with KaVo OXYGENAL 6 concentrate. This enables the highest levels of hygiene and safety for your patients.

The KaVo cleaning products



KaVo OXYGENAL 6

Effective water germ reduction for dental units.

OXYGENAL 6 consists of hydrogen peroxide, which is synergistically enhanced in its effect by silver ions. In addition to numerous reports that confirm the effectiveness of OXYGENAL 6, above all, it is particularly compatible with the materials and does not pollute wastewater, as the silver is not present in any toxic concentration.

OXYGENAL 6 does not pose any risk to patients or staff at the application concentration, because the hydrogen peroxide it contains breaks down into water and oxygen without leaving behind any residue.



KaVo DEKASEPTOL Gel

Disinfectants and cleaning agents for dental suction systems and dental units.

DEKASEPTOL Gel completely wets the suction hoses and systems and clings to critical points, instead of just being flushed through. The gel is mixed ready for use and, thanks to the dispenser, is straightforward and easy to apply. This saves you valuable minutes and avoids skin contact or dirty work surfaces.

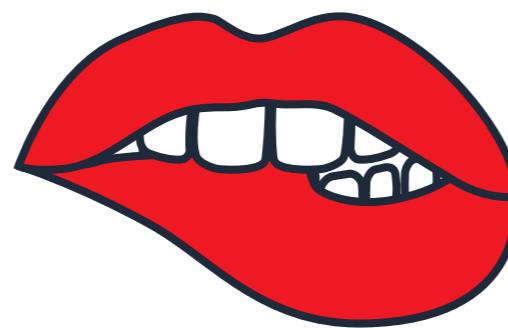
FUN FACTS & FIGURES



15 – 20 MIN.

is the amount of time the mouth is rinsed with sunflower or sesame oil during oil pulling. This has its roots in Ayurvedic medicine in India, is still practised there today and is becoming increasingly popular here in Germany. The oil draws in dirt and cavity-promoting bacteria from the furthest corners of the mouth and rinses them out of the mouth, ensuring a balance of the oral flora.

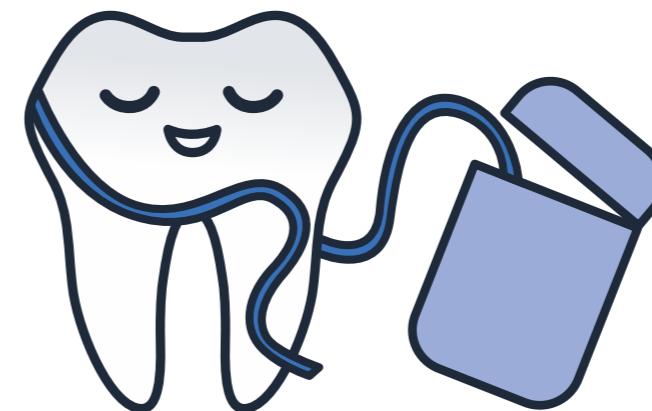
Source: www.maxcare.de/ratgeber/zahngesundheit/andere-laender-andere-zahnpflege (Retrieval date: 09.12.2024)



80 MILLION

bacteria are exchanged during a French kiss.

Source: www.gesund.at (Retrieval date: 09.12.2024)



Source: www.sueddeutsche.de
(Retrieval date: 09.12.2024)

1.5 M

of dental floss are used by Germans on average each year – the recommended amount is **180 metres**.



10%

of Germans regularly or occasionally use tongue scrapers

Source: de.statista.com (Retrieval date: 09.12.2024)



30%

of Germans only change their toothbrushes every 2 to 3 months. **3%** only change them once a year!

Source: de.statista.com (Retrieval date: 09.12.2024)

ERGONOMICS

EVERYTHING YOU NEED FOR A HEALTHY POSTURE

Enjoy the comprehensive ergonomic concept of the KaVo dental units.

Enjoy the comprehensive ergonomic concept of the KaVo dental units. Sit, stand or lie down comfortably with KaVo – it's all possible. There are practically no better conditions for a healthy posture and a strain-free work environment for you and your assistant. Experience the freedom of natural, intuitive movement sequences and give your patients a comfortable place to lie down.

**More than 100 years of KaVo –
that means ergonomics right from the start.**

KaVo has always blazed the trail in ergonomics and comfort. KaVo products were developed from an ergonomic point of view as far back as the early 20th century. Then in 1965 the ergonomic revolution: a patient chair with a completely new lying position helps dentists maintain a healthy, strain-free posture for the first time. Patients experience comfortable treatment that was previously unknown. Free-hanging instrument tubes offer additional ergonomics, minimising the amount of reach required.



The great innovation of 1965: with the dental unit 1025, patients are treated ergonomically while lying down.



The KaVo ESTETICA E70/E80 is the first, and to date, the only dental unit to be awarded the coveted seal of approval from AGR e.V.

Treating in top form.
Everything you need for a relaxed posture.



HEALTHY WORKING CONDITIONS

Basic posture

Exercises



Correct basic posture

- Place your feet on the floor with a sufficiently wide angle at the knee
- Raise the chair enough so that the feet stay on the floor and the thighs are clearly inclined
- Support your pelvis by sliding your buttocks backwards and pulling the backrest forward until your back is supported
- Now tilt the seat forwards in order to avoid pressure on the edge of the thigh and to support it over the entire surface

End position:

- The pelvis is supported and tilted forward
- The physiological oscillation of the spine (double S-shape) is ensured
- Shoulder girdle is in balance
- Head is perpendicular



Dynamic seating position

Mobilisation and relief of the back

Starting position:

- Start in the basic sitting position, the 12 o'clock position
- Your movements should be carried out slowly and consciously one after the other

Execution:

- Rock your pelvis back and forth
- Let your shoulders circle back and forth
- Arch your spine sideways to the right, then the left, alternating back and forth
- Rotate your shoulders/upper spine from right to left, alternating back and forth



Dynamic standing position

Provides relief to the intervertebral disc

Starting position:

- Pelvis is stable
- Arm angle 90 degrees
- Feet are positioned firmly and to the front
- Knees are relaxed
- Pull the belly button slightly inwards
- Pull your shoulders down
- Head remains extended

Execution:

- Shoulders and pelvis can be easily moved while treating the patient



Hanging position

Stretches the muscles, mobilises the spine

Starting position:

- Sitting on the dentist's chair
- For a break during the treatment phase

Execution:

- Slowly roll your head forward
- First bend the upper part of the spine, then the middle and lower parts
- Let yourself hang loosely and breathe into your back
- Swing your arms and upper body slightly back and forth
- Slowly straighten up again

Back problems in the dental office are very common. However, these small exercises and behavioural changes can alleviate and counteract them.



The weightlifter

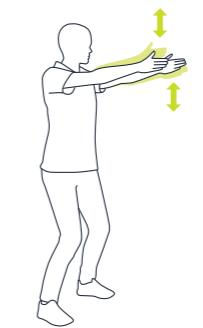
Trains all muscles in the body

Starting position:

- Skier's crouch:
- Bend your knees, push back your bottom, stretch your arms forward and straighten your back
- Flex your thigh, glute and back muscles

Execution:

- Hold the starting position for a while
- Then slowly lift your body back again, lowering your arms
- Exhale and go back into the skier's crouch
- Repeat the exercise around 10 times



Arms flutters

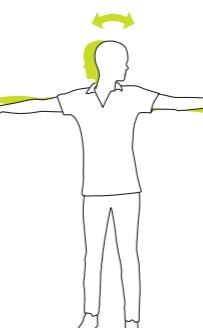
Trains the deep muscles, stabilises the spine

Starting position:

- Bend your knees slightly
- Stretch your arms out in front of you
- Pull your belly button inwards
- Stabilise your pelvis – this is particularly important during this exercise to avoid hollow back

Execution:

- Flutter your arms up and down vigorously in a scissor motion, slowly lifting your arms
- Slowly lower your arms again, continue breathing normally
- Repeat the exercise around 10 times



The shoulder twist

Stretches the shoulder muscles, mobilises the cervical spine

Starting position:

- Extend your arms out to the sides
- Turn one palm up on the side where you are looking; the other palm faces down

Execution:

- Slowly turn your head to the other side while turning your palms in the opposite direction
- Perform the exercise 10 times in a slow, relaxed manner with the rhythm of your breathing



The flank stretch

Stretches the pelvis and the upper and lower spine

Starting position:

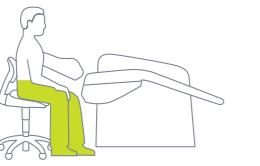
- Place one ankle behind the other, grab your wrist on that same side, pull your arm over your head up as far as possible
- Keep breathing normally

Execution:

- Hold the starting position for approx. 10 seconds, stretch your arm as far as you can
- Place the other ankle behind, switch the wrist you are holding and now stretch this side as well

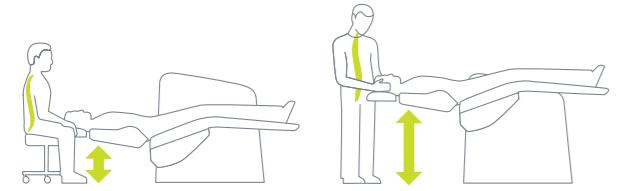


A dentist carries out around 80,000 treatments during their career. No wonder that many of them suffer from back and neck pain. But KaVo has just what the doctor ordered: KaVo Ergonomics. Each KaVo product is specifically tailored to your needs so that you can work in a relaxed manner.



Our suspension chair concept – because we care about your health.

The unique suspension chair concept is our answer to neck and back pain: the free space under the KaVo ESTETICA E70/E80 Vision patient chair enables you and your assistant to maintain healthy, relaxed leg and body positions while being close enough to the patient.



The greatest ergonomics – regardless of your height.

The extremely low position of 350 mm enables natural posture for patients in a sitting or lying position – even for short practitioners. The maximum position of 900 mm (KaVo ESTETICA E70/E80 Vision) or 830 mm (KaVo Primus 1058 Life, KaVo ESTETICA E50 Life, KaVo uniQa) also enables dentists who are taller than 1.80 metres to work in an ergonomic position.



Excellent for ergonomics.

The KaVo ESTETICA E70/E80 Vision dental units and the PHYSIO Evo dentist's chair have been awarded the ergonomic seal of approval from the „Campaign for Healthier Backs“ association (AGR). This is the first time, and to date, the only time that the coveted title has been awarded to dental practice equipment.



Relaxation from head to toe.

The KaVo foot control – optionally as flexible positioned wireless foot control – is operated with simple left to right movements. Without strenuous up and down movements, your leg muscles are freed of tension, even during long sitting or standing treatments.

Ergonomics



Consistent field of work.

With the horizontal shift of the KaVo ESTETICA E80 Vision, the practitioner can change treatment positions, maintaining the position of the patient's head without increasing the range of reach.



Close, closer, perfect: the Progress backrest.

Small differences in design often make a big difference in daily treatments. The best example of this is the particularly narrow Progress backrest, which is available for all dental units and, thanks to its narrow shape, offers a back-friendly working posture possibility, providing optimal access to the patient.



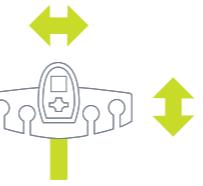
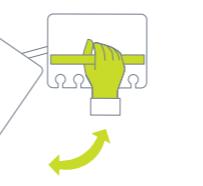
Ergonomics that are heads and shoulders above the rest.

With the infinitely adjustable head tilt angle, you can adjust the headrest and thus the position of the head and the mouth. Your patients will feel relaxed on the comfortable and easy-to-position comfort headrest and you will have constant optimal access to the work area.



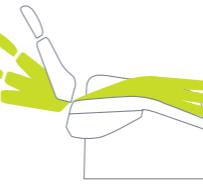
Raised seat for comfortable lying over long periods of time.

With the KaVo ESTETICA E80 Vision's motorised seat lift, patients of different sizes, children and even patients with health restrictions such as hunched back or hollow back are always in the best possible position.



Double duty ergonomics: for you and your assistant.

All doctor and assistant elements can be swivelled and adjusted in height and can be positioned to ergonomic perfection – regardless of whether treatment is performed while standing or sitting.



Trendelenburg means: treating in total relaxation.

In order to achieve the Trendelenburg patient position, the footrest tilts and lifts automatically to match the tilt of the backrest. The lying position remains ergonomic, preventing the patient's back from being compressed or stretched when the backrest is positioned. In addition, your patients stay relaxed and you can treat them for longer in total comfort.



Ergonomics at its best, with additional features and unimpeded access.

Some KaVo dental units are available as right-handed or left-handed versions. In addition, many have an integrated endo and surgery function as standard or optional, saving you additional avenues and investments.

42%

of dentists experience headaches due to poor posture.²



80%

of all dentists suffer from back pain at least once in their professional career.¹

Obviously ergonomic.

The natural white light of the KaVoLUX 540 LED enables optimum visibility. The COMPOsave mode, which prevents fillings from hardening prematurely, keeps the dentist from being rushed. The KaVoLUX 540 LED is automatically switched on and off in accordance with the automatic positions of the treatment centre. The user can also control the most important functions such as dimming and switching on and off without contact.

¹ Source: www.the-dentist.co.uk/content/news/back-for-the-future (Retrieval date: 09.12.2024)

² Source: <https://www.agr-ev.de/en/certified-products/equipment-for-the-dental-practice> (Retrieval date: 09.12.2024)

ACCESSORIES

MIX & MATCH
FOR YOUR
UNIT



Be your best.

When it comes to instruments, you shouldn't settle for less than the best. The KaVo MASTERmatic series covers all areas of application, offers you the best view and optimal access – giving you the freedom to consistently provide treatment with the highest quality and precision. Especially in combination with the extremely compact, lightweight and smooth-running INTRA LUX KL 703 LED micromotor, thanks to SMARTdrive, you can work with excellent efficiency and free from fatigue over the entire speed range of 100 to 40,000 rpm.



Power and performance, optimally balanced.

KaVo scalers are Made in Germany and combine precision and quality to superb effect:

The KaVo eSCALER performs extremely precise and time-efficient tooth cleaning: the linear oscillation of the tip is highly effective, at up to 30,000 Hz. The precisely defined ultrasonic vibration, ergonomically shaped handpiece, daylight illumination and delicate tips, which allow users to access even hard-to-reach areas with ease, provide maximum treatment comfort for both the patient and the practitioner.

The KaVo SONICflex is an all-round pro: it can handle almost any indication and provides comfortable, enamel-friendly treatment. With gently pulsating sonic vibration at approx. 6,000 Hz and a choice of over 50 tips, this scaler is popular with patients and practitioners alike and is perfect for all areas of application, including prophylaxis, endodontics, periodontics, minimally invasive caries treatment and preparation.

Excellent ergonomics and perfect comfort: The KaVo PHYSIO.

For you as a dentist it is particularly important to adopt a permanent, ergonomic, healthy and comfortable posture in every treatment situation. Nothing affects your posture as much as the work chair you sit on every day. For this reason, our dentist's chairs are specifically tailored to the needs of dentists and assistants.



Seal of approval

The KaVo PHYSIO Evo and Evo F were the first, and to date, the only dentist's chair to be awarded the coveted seal of approval from the AGR eV for their ergonomic concept.



Supportive backrest

A backrest that follows movements of the user, or is permanently adjustable, supports you and your assistant in every position (KaVo PHYSIO Evo, Evo F).



Optimal adjustability

It's quick and easy to find the correct height setting and seat angle.



Freedom of movement even in small spaces

The slimline design and the small diameter of the cross chair allow maximum mobility.

The KaVo **PHYSIO One** impresses staff and patients alike with reliable KaVo quality, modern design and an excellent price-performance ratio.



The KaVo **PHYSIO Evo** offers even more comfort and support, regardless of the treatment situation, thanks to its adjustable backrest.



The KaVo **PHYSIO Evo F** is also particularly hygienic thanks the possibility if offers of adjusting seat height via optional foot control.

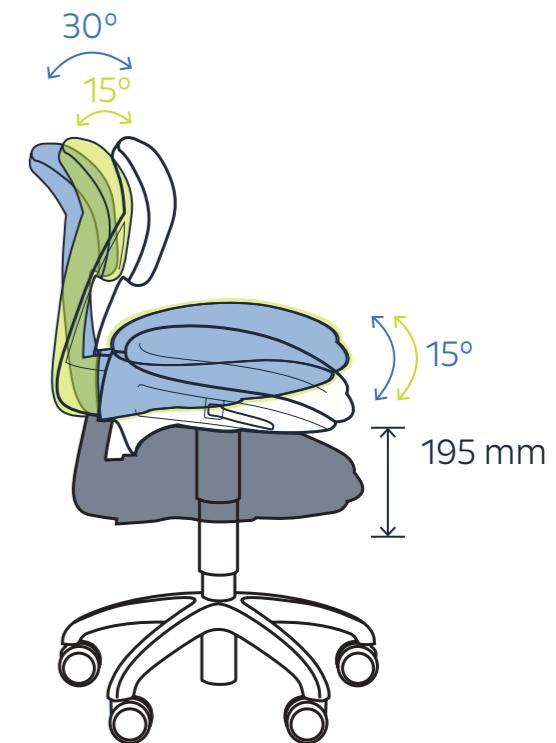
Lowest seat height	465 mm
Highest seat height	660 mm

Adjustment range of the seat height	195 mm
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Seat width	max. 400 mm
Seat depth	380 mm

PHYSIO Evo/Evo F

Adjustment range of the backrest angle	30°
Seat tilt	15°



PHYSIO One

Adjustment range of the backrest angle and seat tilt at the same time	15°
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Base diameter	535 mm
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Weight	12.5 kg
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DIAGNOcam Vision Full HD: See more, show everything: three-in-one diagnosis at the click of a button



High-precision images – every time, with every shot

The permanent autofocus is always active – inside and outside the mouth. This enables extremely precise, clinically relevant images without delays caused by focusing, thus avoiding retakes.



Gyro sensor for easy orientation

All images are always perfectly aligned: the integrated gyro sensor detects whether you are taking a shot of the left or right side of the upper or lower jaw – and automatically aligns the picture.



Integrated selection of the best shot

To further optimise image quality, the camera automatically saves the images immediately before and after the picture is snapped, selects the sharpest image and displays it on the screen.

Permanent autofocus



Jochen Kania
Dentist,
Laupheim, Germany

"Many cameras offer an auto focus function. But it usually takes too long for the image to focus well enough for a clinically relevant image. The permanent autofocus of the DIAGNOcam Vision Full HD is quite different: it is always on without having to press a button. It's automatically focused at all times – I get a sharp image immediately, without the wait."

The result is impressive: it's nearly impossible to take a picture that is not perfectly sharp – in full HD quality. And that applies regardless of whether the DIAGNOcam Vision Full HD is used as an intraoral camera, for transillumination images or in fluorescence mode – or whether all three modes are combined in one image."

The DIAGNOcam Vision Full HD produces remarkably clear and completely distortion-free full HD images in real time. Natural tones are preserved and the images remain sharp even when enlarged, so that you can see even the smallest of details without any problems.

Portraits

Distortion-free portraits that can easily be added to patient files in your patient management system (PMS) for the purpose of documentation.



Smile shots

Ideal for capturing the lip and smile line. Especially useful to dental technicians for colour matching and creating perfectly matched aesthetic anterior teeth restorations, and also to dentists for showing patients before-and-after comparisons and for documentation.



Shots of rows of teeth

The quick and easy way to get an initial overview of the dental situation, including fillings, dentures, extractions, deformations and general oral hygiene. Perfect for before-and-after comparisons for the patient and for documentation.



Macro shots

For enlarging the finest tooth and gum structures, recommended for detecting the smallest lesions, faulty transitions between the filling material or crown to the tooth and for the preliminary examination of root canals.



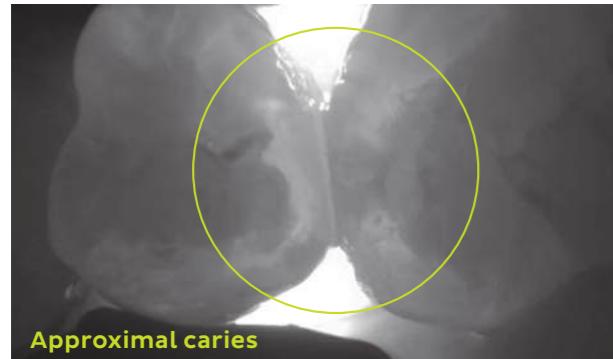
Perfectly adaptable to your needs

Whether you use a KaVo dental unit or the DIAGNOcam Vision Full HD as a stand-alone device or have integrated it in your patient management system or your X-ray software: simply take the camera out of your preferred holder, detect caries and show them on the screen – it couldn't be easier.

Pure joy, a clear view: superior hygiene concept

By using the sheaths, the DIAGNOcam Vision Full HD is protected against contamination. The tip and the fluorescence cover can be easily installed over the sheath, which does not affect the image quality. The tip and the fluorescence cover can be reused after being washed in a thermal disinfectant and sterilised in autoclaves, the sheath is disposable and for single use only.

Transillumination mode: light years ahead of caries.

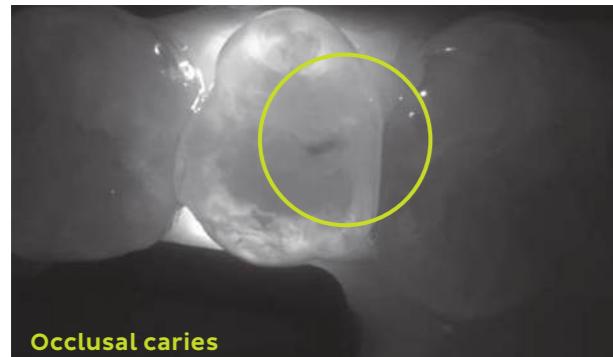


Approximal caries

Detecting caries early is good. Detecting caries early and safely is better. Thanks to the intuitive handling, you can diagnose caries using the transillumination mode of the DIAGNOcam Vision Full HD with an extreme accuracy of up to 99%* – with almost no training at all! Clinically established and proven in practice through countless recordings.

99%
accuracy

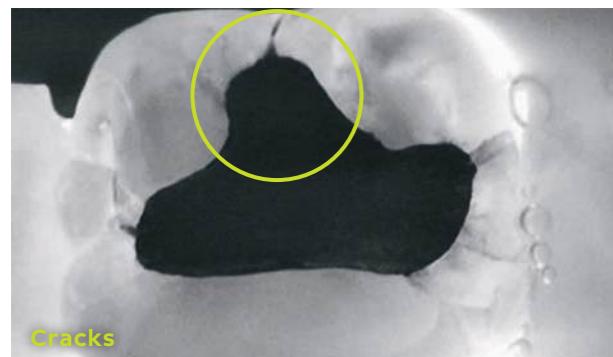
- Caries diagnosis with transillumination – light years ahead. With both DIAGNOcams, light waves complement X-rays otherwise needed for caries detection, giving you exceptional image quality and detail.



Occlusal caries



Secondary caries



Cracks

- The light source inserted in the tip illuminates the tooth outwards from the neck of the tooth to the occlusal tooth surface
- A digital camera shows the captured scenes live on the screen of your choice
- The tooth becomes a light conductor, making the tooth structures visible. Any caries or cracks that the light comes across on its way to the tooth surface are clearly identifiable and visibly darker

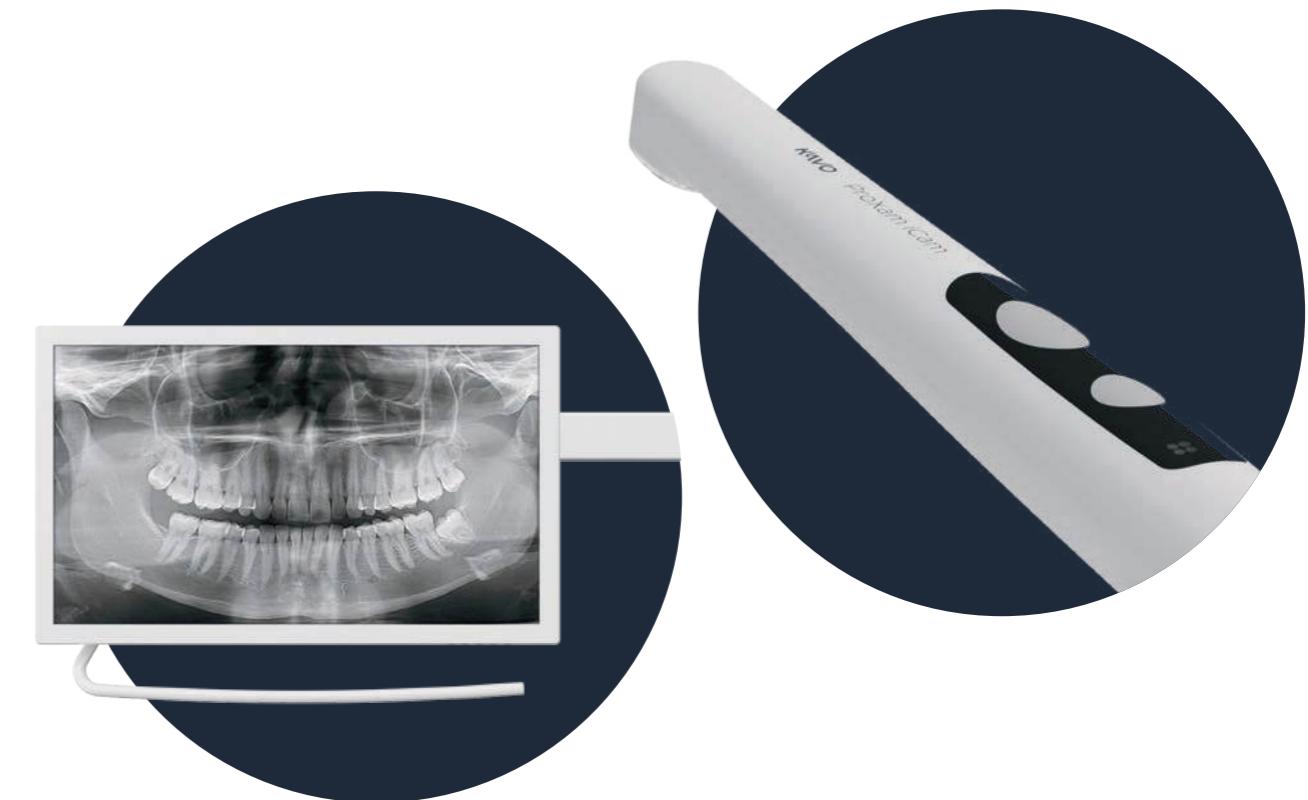
* Precise diagnosis with DIAGNOcam based on: Kühnisch J, Söchtig F, Pitchka V, Laubender R, Neuhaus KW, Lüssi A, Hickel R "In vivo validation of near-infrared light transillumination for interproximal dentin caries detection," *Clinical Oral Investigations*, May 2016.

Picture it: optimal patient communication.

KaVo ProXam iCam – small camera, really big impact.

Help your patients understand the dental situation through images with great depth of field and excellent colour rendition.

The easy-to-use KaVo ProXam iCam provides you with the perfect image at any time. The camera makes it possible to display a sharp image at a distance of 9-35 mm and also has a macro mode. It is designed to show an image of a tooth. Recordings of a dental arch or extraoral recordings are not possible. The image can be released by hand or with the foot control.



KaVo HD screen. Show your patients what you've got.

Impress your patients with sharp images.

The KaVo HD screen offers you high-resolution image quality, impressive contrast values and brilliant colour reproduction, optimally matched to all functionalities of imaging devices such as cameras or microscopes. For the highest level of hygiene, the screen has a protective glass pane, small gaps on the housing and can be adjusted with one simple gesture.



The new foundation for your patient communication – integrated, simple and efficient.

KaVo CONNECTbase offers an innovative, easy patient communication workflow – you can use CONNECTbase to inform your patients about their dental situation on the KaVo dental unit itself, entirely without installing additional software. Just connect your camera and get started straight away. The images are displayed directly on the dental unit's screen and can even be compared with past saved images.



The plug-and-play principle – smooth processes made easy

By using the cameras on the KaVo dental unit, you have instant access to your camera images and can then export them via USB.

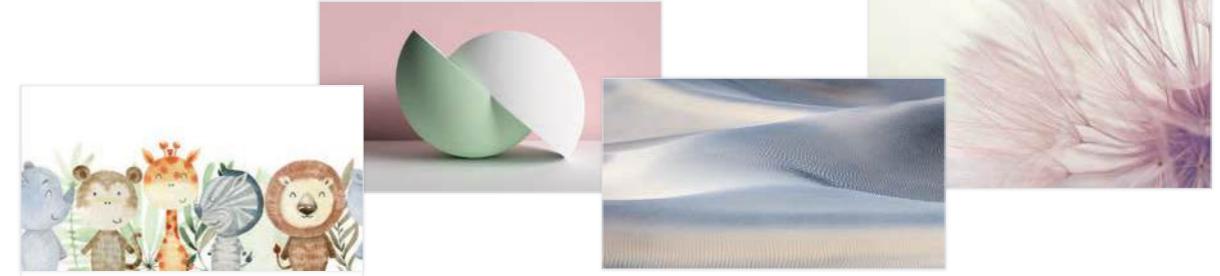
Operation via the touch display or the foot control of your dental unit is just as easy, so there's no need to leave your workplace during the treatment, or to interrupt your process unnecessarily.

Interested in accessing other sources? No problem. By simply switching on the dentist element, various HDMI sources can be displayed on your dental unit's screen.

Make your treatments a real experience

Make waiting times easier and, if needed, create a welcome distraction for your patients using visual entertainment right on the KaVo dental unit. A great selection of media, including a customisable welcome screen or screen savers with a large selection of photos or slide shows, will appeal to your patients, both young and old. Of course, you can also use your screen to promote your own topics of interest or simply share relevant information.

Available for KaVo uniQa, ESTETICA E70 Vision and ESTETICA E80 Vision.



Various themes are available for your screen background to match the design of your practice.



KaVo **CONNECT**
link

The simple connection of your patient-management-software.

With the new software module CONNECTlink your patient-management-software can be connected with your KaVo dental unit to enable a simple and fast transfer of patient data and clinical images. Thanks to this link, all relevant data can be directly accessed on the touch display of the dentist element. As usual, new clinical images can be added with the KaVo cameras and will be transferred automatically to the corresponding patient file in the patient-management-software thanks to CONNECTlink.

The new CONNECTlink software can be ordered as a separate module to your existing CONNECTbase patient management system. For the use of CONNECTlink, CONNECTbase and the corresponding CONNECTlink for your KaVo dental unit are required.



CONEXIO connects what belongs together.

A unique KaVo operating philosophy makes it possible: CONEXIO paves the way for more efficiency in everyday practice. The KaVo software combines patient management software, 2D X-ray image archive and intraoral live images and offers fast, intuitive access. Access all patient data directly on the touch display of the KaVo uniQa. So you'd like to add more data? No problem. Best of all: they are assigned directly to the patient record.

Helpful for your diagnosis – informative for your patients

Use the opportunity to select and compare images from different sources. All you need to show your patient is the dentist element of your KaVo uniQa – without any keyboard, mouse, tablet or PC.



Perfect overview: the clinical monitoring status

Each image can be assigned to a tooth when the findings are recorded. You can set a clinical monitoring status from "healthy" to "critical". The comparison mode gives you the option of carrying out a progress check with older images of the tooth or images from other sources while the diagnosis is still in progress.

A sound treatment concept

With CONEXIO everything is exactly where you need it: directly on your KaVo uniQa dentist element. The user-friendly user interface via the uniQa touch display guarantees full access to the patient file. And in case you don't have a free hand: all central CONEXIO functions can also be controlled and activated using the foot control. Very convenient and hygienic.



Comparison of KaVo patient communication systems

Product description	KaVo CONNECTbase	KaVo CONNECTlink	KaVo CONEXIO
Autonomous system – Integrated into your KaVo dental unit	Software installation on the back-end PC	Add-on to your CONNECTbase*	Software installation on the back-end PC
Does software need to be installed on the PC?	No	Yes	Yes
Automatic integration of your practice management software	No	Yes	Yes
Availability of media (e.g. screen saver, KaVo themes, welcome screen)	Yes	Yes	No
Switching between sources directly on the dentist element of the dental unit	Yes (2x HDMI)	Yes (PC content)	No
Images are displayed directly on the dental unit screen	Yes	Yes	Yes
Image can be compared with previous images	Yes	Yes	Yes
Automatic image transfer	Yes	Yes	Yes
Operation	<ul style="list-style-type: none"> Dentist element touch display Dental unit foot control PC (mouse, keyboard) 	<ul style="list-style-type: none"> Dentist element touch display Dental unit foot control PC (mouse, keyboard) 	<ul style="list-style-type: none"> Dentist element touch display Dental unit foot control PC (mouse, keyboard)
Compatible cameras	<ul style="list-style-type: none"> KaVo ProXam iCam KaVo DIAGNOcam Vision Full HD 	<ul style="list-style-type: none"> KaVo ProXam iCam KaVo DIAGNOcam Vision Full HD 	<ul style="list-style-type: none"> KaVo ProXam iCam KaVo DIAGNOcam Vision Full HD
Remote access + dental unit updates	Yes (LAN)	Yes (LAN)	No

* Your CONNECTbase can be used as an autonomous system further on. If you would like to connect your CONNECTbase with your patient-management-software, the CONNECTlink software and the corresponding license for your KaVo dental unit can be ordered.

The best light for exacting requirements

KaVo Lumina – See the difference.

The KaVo Lumina treatment light can be operated directly via the intuitive dentist and assistant element. It can also be switched on or off via the automatic positions on your dental unit and the integrated sensor. Optimally coordinated with your KaVo uniQa, the KaVo treatment light offers excellent KaVo quality, maximum treatment comfort, perfect hygiene conditions and a long service life.



The innovative SPAlight provides a play of colours consisting of shades of blue and green that have a proven calming effect, according to cutting-edge colour psychology. This means it can be used to create a relaxing atmosphere and a spa-like vibe before and between treatments.

MAIA LED – the entry into LED lighting technology.

The KaVo MAIA LED offers modern LED lighting technology at a superb price.

- Up to 35,000 lux custom-adjustable light intensity
- Uniform illumination at almost daylight quality (5,000 K) for lifelike colours and textures
- Constant light field regardless of positioning thanks to indirect light via reflectors
- Removable, sterilisable handles for safe and easy hygiene



Above all, an efficient workflow means one thing: short avenues.

The core of your system

Your fulcrum for optimal workflow: the KaVo Centro carrying system. With all key devices sensibly and ergonomically arranged in one place, this ingenious system forms the pivotal point of your treatment processes, reach paths and movement sequences. The short reaching distances mean that you have everything you need to hand at all times. When converting and upgrading to other devices and future technologies, you will be completely flexible. Thanks to numerous adaptors, devices and components can be exchanged quickly and easily. How you benefit: Enjoy an optimal workflow with your KaVo dental unit – after all, what could be better than knowing that you have everything under control?



Flexible configuration for custom treatment requirements – the Centro carrying system



Intraoral X-rays always at hand

A suitable intraoral X-ray device like the KaVo ProXam iX can be installed on the light mounting rod using an adapter, so you can create X-ray images optimally adapted to the radiological indication on the dental unit itself. This solution is highly precise, saves time and can be conducted without disruption to your patients.

Here, your patients can lay their worries to rest.



Perfectly positioned.

Tilting patients in the Trendelenburg position enables optimum and comfortable patient inclination in every treatment position. The footrest tilts and rises automatically to match the backrest angle and prevents compression or stretching of the patient's back. The raised leg position also supports the patient's circulation.



Comfort backrest: maximum patient comfort with extra-wide shoulder support and torso length adjustment



Progress backrest: correct working posture and optimal access for the dentist



The double-jointed headrest comes in pneumatic, motorised and mechanical designs



Comfort starts from the top.

Make yourself and your patients comfortable. The smart double-jointed headrest can be precisely adjusted to individual requirements. The head tilt angle is fully adjustable and the locking positions adapted to the patient's anatomy. The motorised version of the headrest and the special comfort head cushion offer extra comfort.

The super-soft comfort head cushion moulds perfectly to the neck and provides gentle support.

The ultimate in patient comfort.

With this masterpiece from KaVo, you're perfectly prepared for every patient. The load capacity and Comfort backrest of the ESTETICA E70/E80 Vision allow the dental unit to be optimally adapted to almost any body shape and patient constitution. The Progress backrest offers you optimal access to the patient in every treatment situation. The comfort head cushion and the RELAXline soft upholstery with their soft, leather-like surface provide additional comfort, even during longer treatments. This is next-level ergonomic comfort.



Inspired by Nature

Deep ocean blue, delicate pearly white and rich forest green: nature offers spectacular hues in abundance. For KaVo, this kaleidoscope of colours is a source of inspiration that has led to the new 'Inspired by Nature' colour collection and to a collaboration with Berlin-based artist Jans Echternacht. His works express the power of nature, the interplay of colours, and organic forms reminiscent of water and wind. This overall concept provides inspiration for distinctive modern interior design with striking accents.

The KaVo Artworks

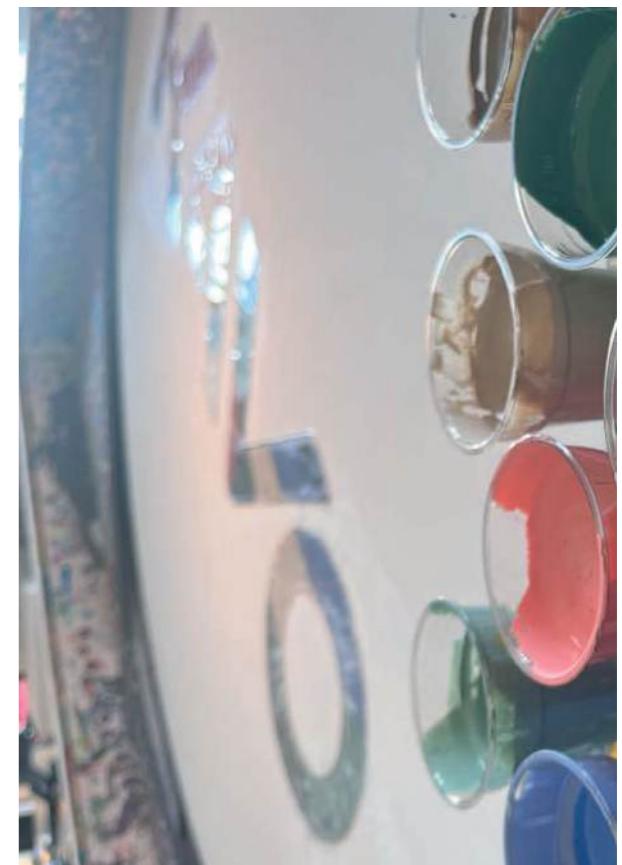
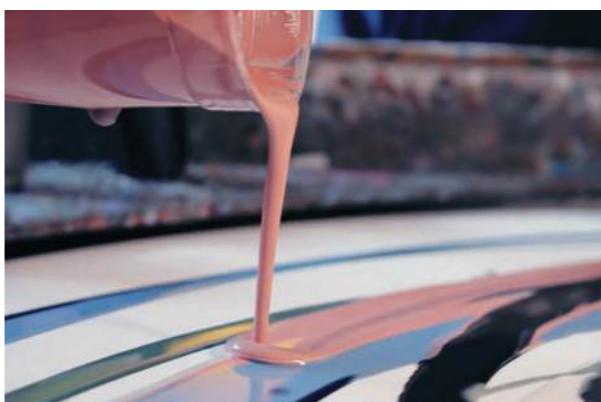
Behind the Scenes

Jans Echternacht harnesses the natural power of gravity to create his unique art. Exclusively for the launch of the new KaVo upholstery colours, he has created unique works based on the fourteen new nature-inspired shades. The striking play of colours is created by the artist's special rotation technique and results in a stunning kaleidoscopic spectacle.



About the Artist

Jans Echternacht's studio plans and carries out art projects, bespoke events and workshops. The artist is fascinated by the action behind the art. His striking works arise from coincidences and the unpredictable. The unique "Inspired by Nature" pieces encapsulate the artist's approach, with the colours of the new upholstery collection specially mixed and applied to create KaVo artworks.



Configurations

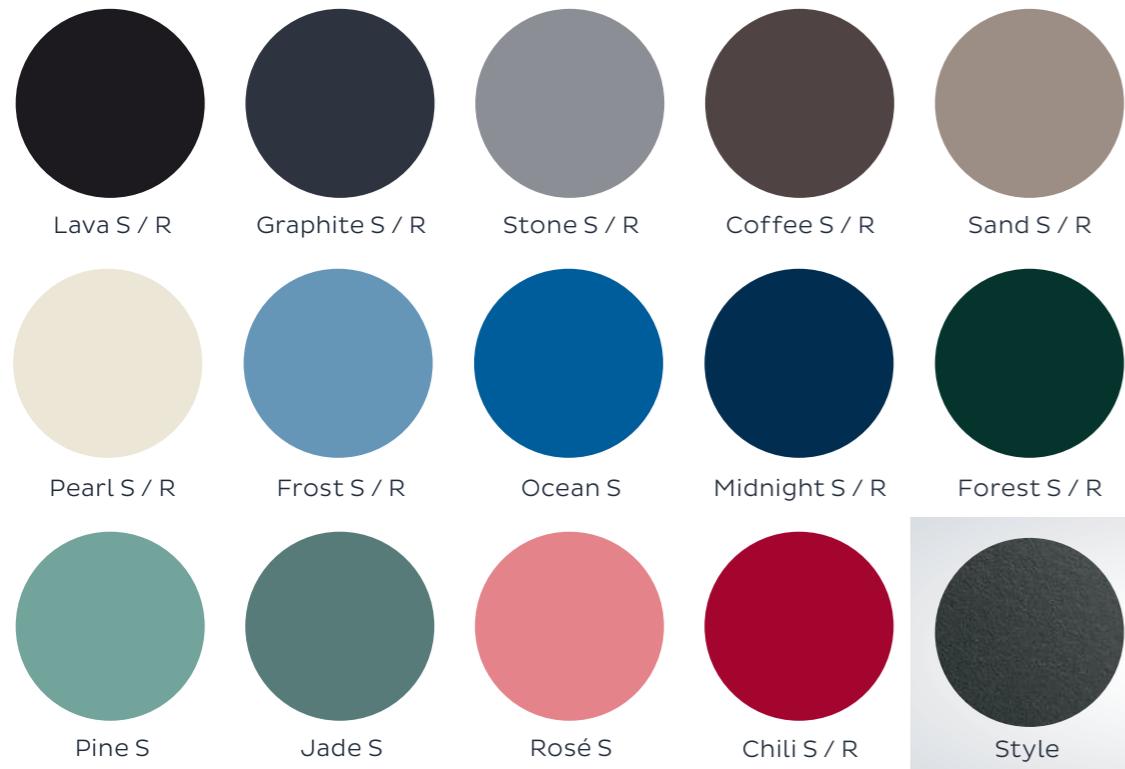
Configure your dental unit online:

www.kavo.com/configurator/

	KaVo ESTETICA E80 Vision	KaVo ESTETICA E70 Vision	KaVo uniQa
Dentist element			
Controls	Touch display	Touch display	Touch display
Instrument holders	6	5 (6 optional)	5 (6 optional)
1x multi functional handpiece	●	○	○
1x triple function handpiece	-	✗	✗
1x Minilight triple function handpiece	-	✗	✗
Spray heating for instruments	●	●	●
Set of norm trays	●	●	●
Assistant element			
Controls	capacitive touch display	capacitive touch display	capacitive touch display
Removable instrument holder	●	●	●
Swivelling and height-adjustable	●	●	●
Right/ left swivelling	-	-	○
Unit body			
Instrument rinsing	Hygiene centre	Hygiene centre	Hygiene centre
Warm water boiler for tumbler filling	●	●	●
Spittoon bowl	Motorised	Manual/ motorised (○)	Manual
Spittoon bowl	Glass, Porcelain or Elegance	Glass, Porcelain or Elegance	Smoked glass or Porcelain
Standard unit body colour	Dental white	Dental white	Dental white
Patient chair			
Motorised horizontal tracking and seat elevation	●	-	-
Progress backrest	✗	✗	●
Comfort backrest	✗	✗	-
2-jointed headrest	with rotary knob	-	●
	Mechanical clamp	-	○
	Pneumatic clamp	●	-
Motorised headrest	○	○	-
Comfort head cushion	○	○	○
Patient communication		Various packages with 22" screens, intraoral camera and DIAGNOcam Vision Full HD	

	KaVo amiQa	KaVo ESTETICA E30
Dentist element		
Controls	Touch display	Keypad with small display
Instrument holders	5 (4 / 6 optional)	5
1x multi functional handpiece	○	-
1x triple function handpiece	✗	●
1x Minilight triple function handpiece	✗	○
Spray heating for instruments	○	-
Set of norm trays	○	○
Assistant element		
Controls	capacitive touch display	Keypad
Removable instrument holder	-	-
Swivelling and height-adjustable	●	○
Right/ left swivelling	○	-
Unit body		
Instrument rinsing	Hygiene centre	Manual
Warm water boiler for tumbler filling	○	○
Spittoon bowl	Manual	Fixed/ Manual (○)
Spittoon bowl	Smoked glass or Porcelain	Porcelain
Standard unit body colour	Dental white	Dental white
Patient chair		
Motorised horizontal tracking and seat elevation	-	-
Progress backrest	●	●
Comfort backrest	-	-
2-jointed headrest	with rotary knob	●
	with mechanical clamp	○
	with pneumatic clamp	-
Motorised headrest	-	-
Comfort head cushion	○	-
Patient communication		Various packages with 22" screens, intraoral camera and DIAGNOcam Vision Full HD

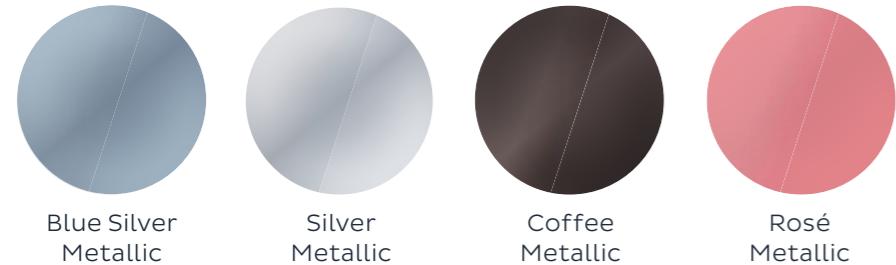
“Inspired by Nature” upholstery colours



Available as:
S – Standard
R – RELAXline
Design Edition
 Vision only



Varnish colours*



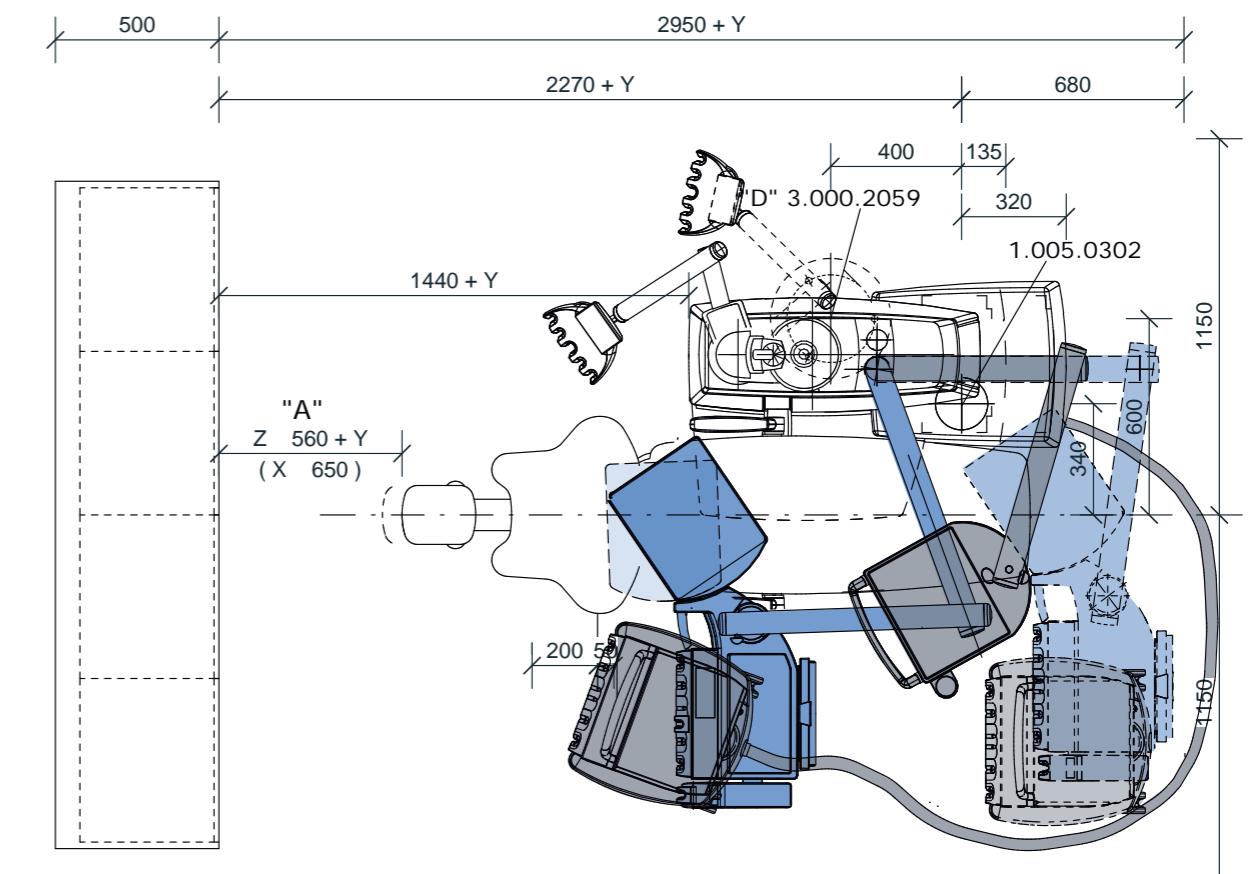
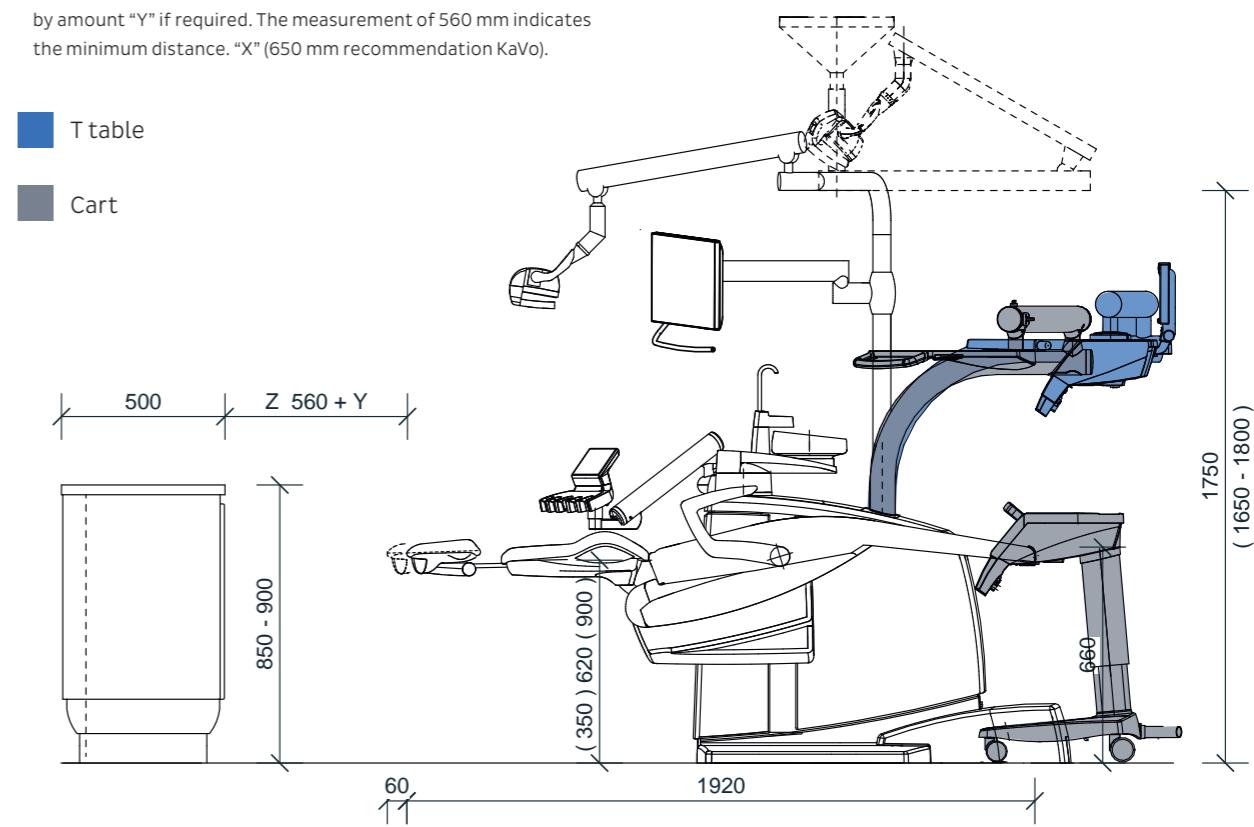
*Vision only

KaVo ESTETICA E80 Vision

* On consultation with the dentist measurement “Z” can be increased by amount “Y” if required. The measurement of 560 mm indicates the minimum distance. “X” (650 mm recommendation KaVo).

■ T table

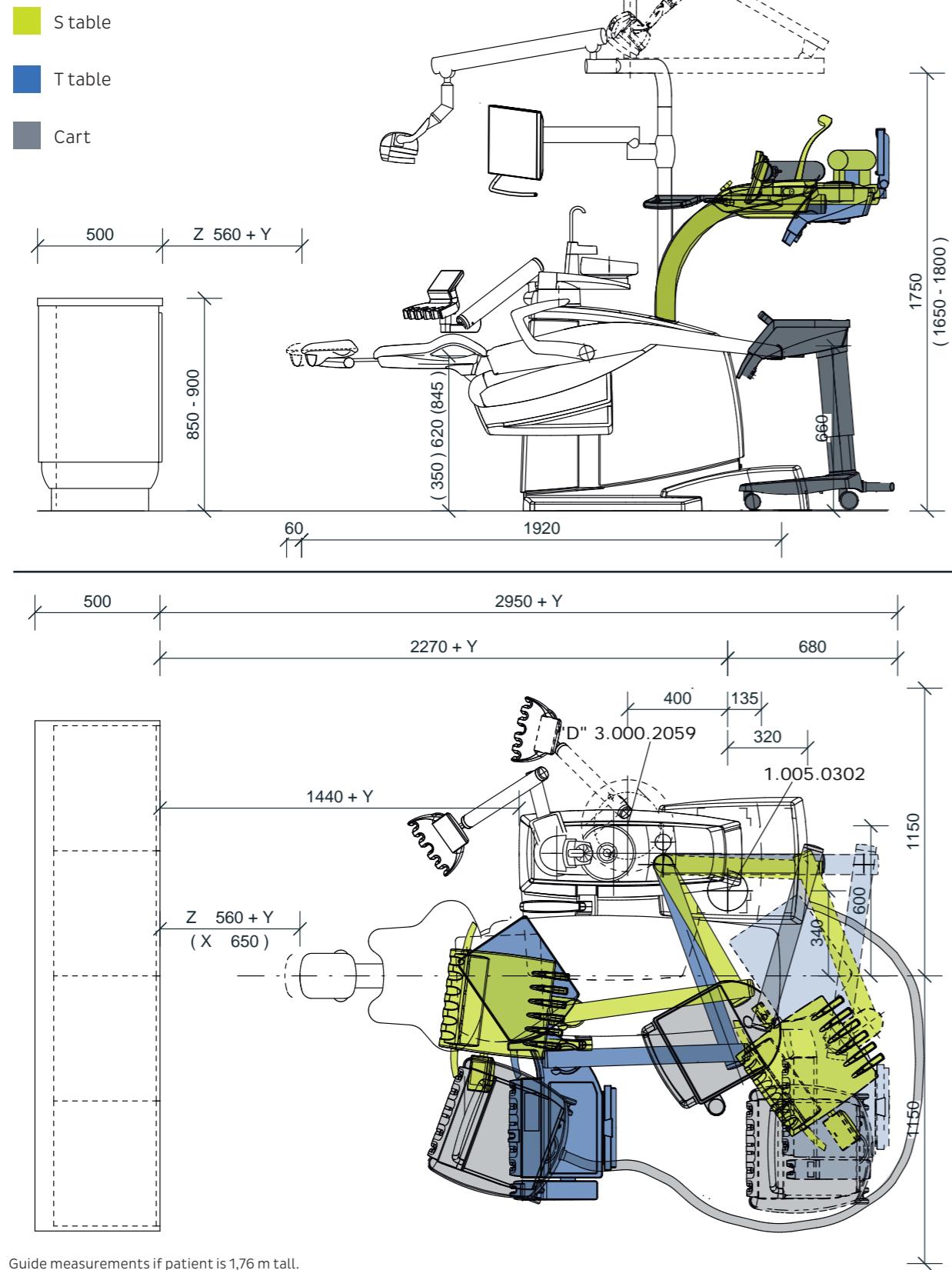
■ Cart



Guide measurements if patient is 1,76 m tall.

KaVo ESTETICA E70 Vision

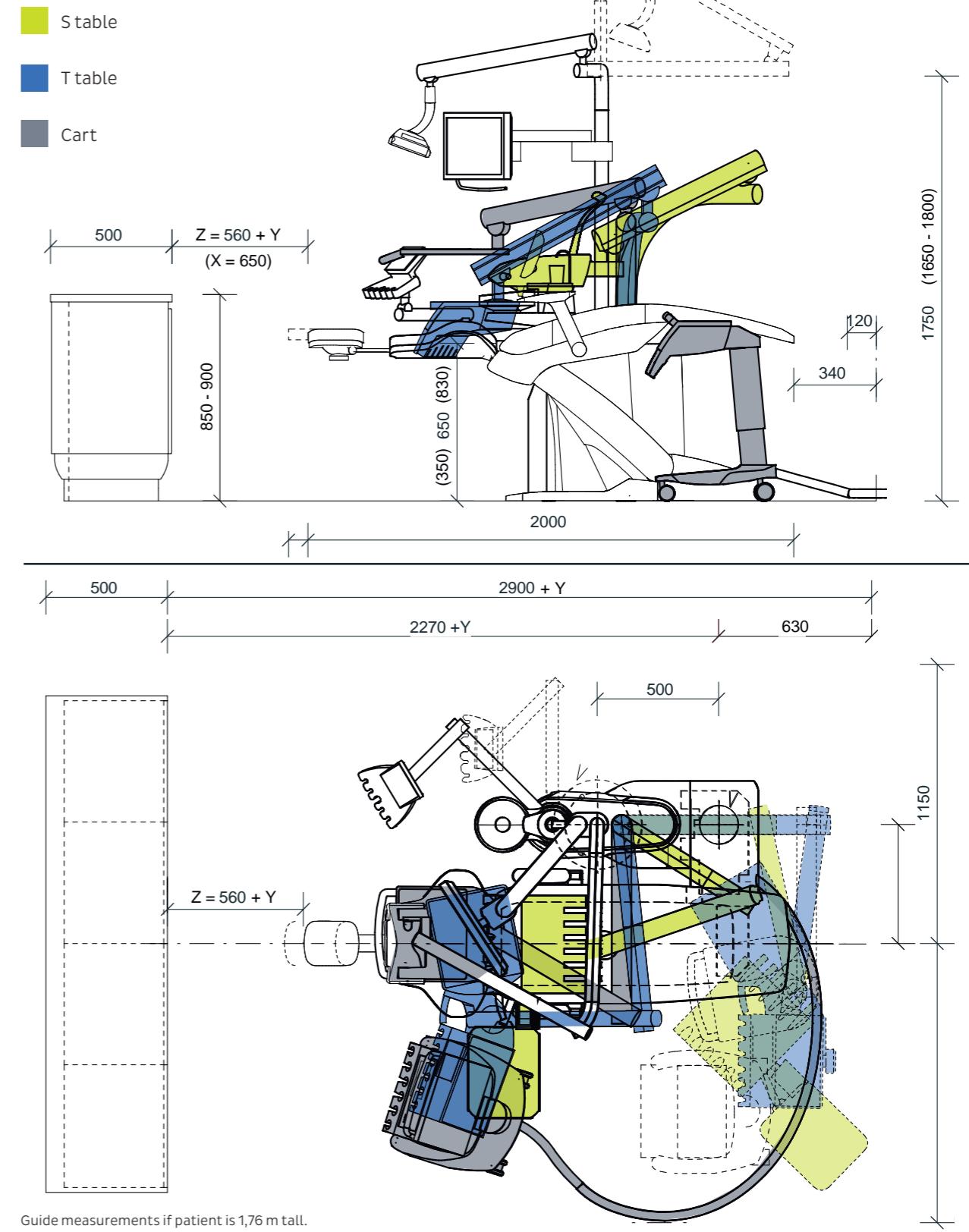
* On consultation with the dentist measurement "Z" can be increased by amount "Y" if required. The measurement of 560 mm indicates the minimum distance. "X" (650 mm recommendation KaVo).



Guide measurements if patient is 1,76 m tall.

KaVo uniQa

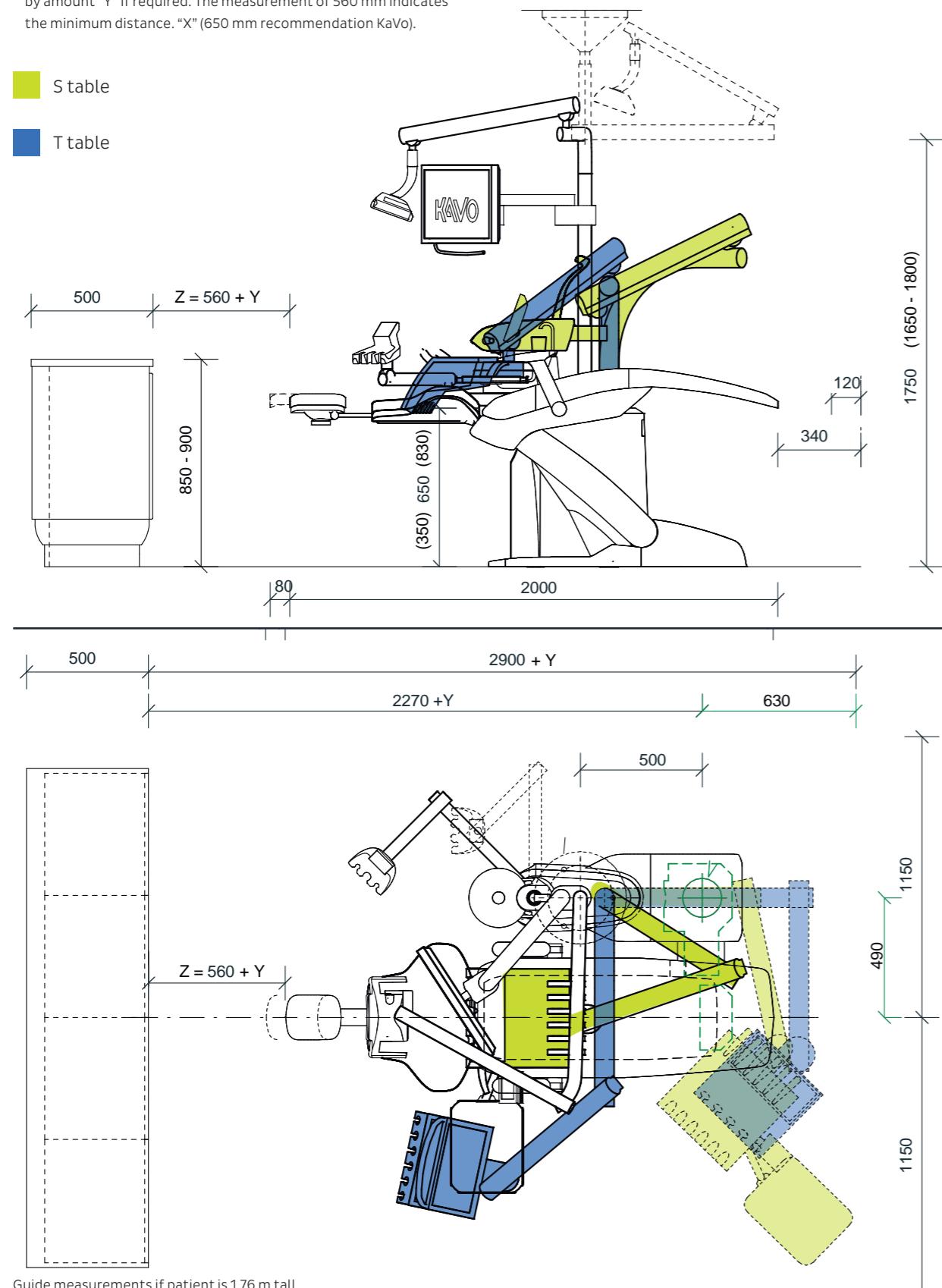
* On consultation with the dentist measurement "Z" can be increased by amount "Y" if required. The measurement of 560 mm indicates the minimum distance. "X" (650 mm recommendation KaVo).



Guide measurements if patient is 1,76 m tall.

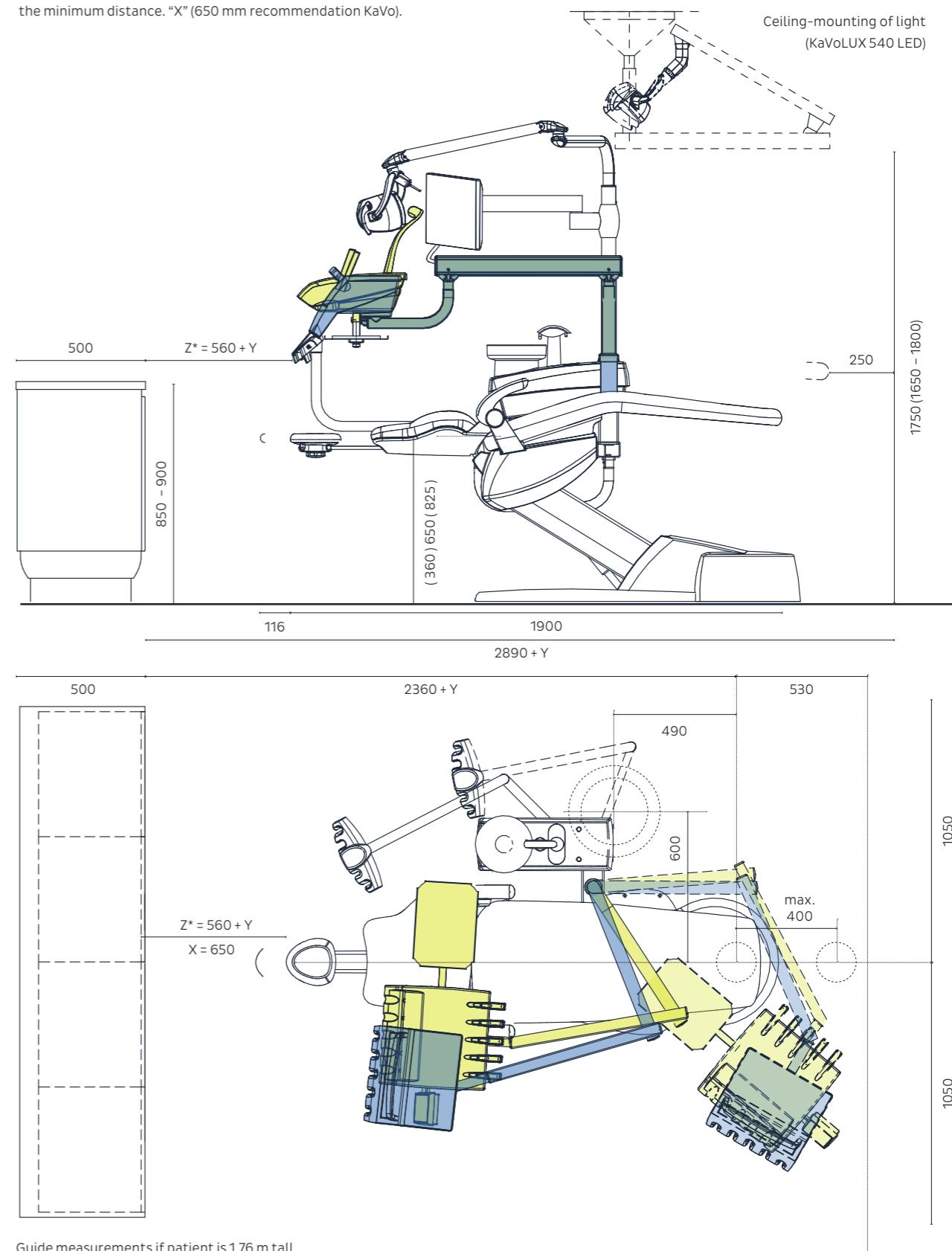
KaVo amiQa

* On consultation with the dentist measurement "Z" can be increased by amount "Y" if required. The measurement of 560 mm indicates the minimum distance. "X" (650 mm recommendation KaVo).



KaVo ESTETICA E30

* On consultation with the dentist measurement "Z" can be increased by amount "Y" if required. The measurement of 560 mm indicates the minimum distance. "X" (650 mm recommendation KaVo).



Guide measurements if patient is 1,76 m tall.

SERVICE

FOR A SMOOTH DAILY PRACTICE



To ensure that a KaVo product remains a KaVo product, proper care, regular maintenance and the supply of spare parts in the event of service call play a major role. We are happy to tackle this task together with our certified service partners, meaning that you can concentrate fully on your patients in your daily practice.

1,200

employees of our certified specialist dealers are trained at the KaVo Campus in Biberach every year.

That's how we ensure that your service technician can carry out all maintenance and service work efficiently and that your investment is optimally protected.



34 SPECIALISTS

At KaVo, our dental dealers support you with a technical hotline, technical documentation and comprehensive training. For optimal and fast service.



KaVo certified
repair partner

Because nothing is closer to our hearts than quality: while the installation of third-party parts can impair the function and thus the treatment and given that the KaVo guarantee expires, your KaVo certified repair partner works with KaVo original spare parts. One of them will be located near you and will be your go-to person for KaVo.

www.kavo.com/kavo-dealers-worldwide

KaVo Maintenance:

Offering you safety during routine activities at your dental practice

As a medical device manufacturer, we are obliged to stipulate maintenance activities, technical safety inspections and integrated unit tests. This approach serves two purposes: it ensures functional safety and prevents damage, health hazards and legal risks. Regular maintenance also prevents expensive downtimes and helps you to preserve the value of your unit.



KaVo recommends the annual maintenance service for your dental units to ensure continuous operational readiness, safety and value preservation of the KaVo product. The annual maintenance service also helps to comply with the specifications, standards and laws in your country. The international standard IEC (DIN EN) 62353 is used to ensure electrical functional safety. It also demands that the functional safety of all technical application and safety-relevant functions are checked and repaired, if required. Please observe the statutory provisions in your country.

62353 is used to ensure electrical functional safety. It also demands that the functional safety of all technical application and safety-relevant functions are checked and repaired, if required. Please observe the statutory provisions in your country.

Dental practice operators are responsible for:

- Conducting the safety check in accordance with IEC 62353
- Amalgam separator tests
- Compliance with hygiene standards

These requirements can be met during the scope of maintenance carried out by KaVo or the certified specialised dealers.

The following individuals are authorised to carry out repairs and maintenance:

- Technicians from the KaVo branch who have received appropriate product training
- Technicians from KaVo authorised dealers who have been specially trained by KaVo

All certified service technicians are also obliged to only use original KaVo spare parts.



Maintenance components

	Benefits for the dental practice
Testing of all important functions, e.g. hygiene functions, safety switch, etc.	<input type="radio"/> <input type="radio"/>
Cleaning the suction system, Aquamat and selection unit Replacement of wearing parts	<input type="radio"/> <input type="radio"/>
Replacement of wearing parts in the water block Inspection for leaks	<input type="radio"/> <input type="radio"/>
Inspection of O-rings on the dentist element and assistant element, hoses and pressures Replacement of wearing parts	<input type="radio"/> <input type="radio"/>
Amalgam separator test	<input type="radio"/> <input type="radio"/> <input type="radio"/>
Safety test	<input type="radio"/> <input type="radio"/> <input type="radio"/>

Functional safety
 Safety of dentists, dental practice team and patients
 Required by law

35,000

treatments and
20,000

operating hours will be performed in a dental unit over an average of

12 years.

During this time, approx.

100,000 litres of water are used.

Source: KaVo empirical values



Costs time and money:
Waiting for service

Saving you time and money:
Planned, regular maintenance

The best way to prevent costly downtime:
The **KaVo maintenance kit** for your operational safety

- Installed at your preferred time
- Regular maintenance protects and preserves your investment
- Maintenance is carried out according to KaVo quality standards by trained technicians through our specialised trade partners
- Ensures legally required hygiene standards and functional safety

The kit supports:

- Safety: replacement of necessary parts with KaVo original parts
- Efficiency: systematic workflow of maintenance activities



Register

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Progress	79	OXYGENAL 6	53
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E30	30	Praxis interior	30
eSCALER	65	ProXam iCam	71
ESTETICA E70/ E80 Vision	16	RELAXline soft upholstery	79
		SONICflex	65
Headrest	78		
Inspired by Nature	80	uniQa	22
Lumina	76	Upholstery	78

Dental Excellence in every area

What our brand represents

KaVo is a long-established, dependable manufacturer, and always will be. We and our products have stood for the highest quality and reliability for over 100 years, so our customers can concentrate on what's important.

KaVo is adept and uncompromising when it comes to combining essential requirements, ergonomics, the highest standards of hygiene and design to create the best overall package. Thanks to our perfect interplay of dynamism and expertise, we're always at the cutting edge.



KaVo dental units –
Invest in your own health



KaVo instruments –
Feel the difference



KaVo Imaging –
See more, plan better



Dental training –
Effective learning



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