You, better.

KaVo AQIA.
Patient and Dentist perfectly integrated.

KaVo AQIA was designed to make the dental experience more practical and comfortable even in the smallest details. We heard the needs of dentists in different parts of the world and invested in product development in order to create solutions that will make your KaVo AQIA not just a dental unit, but a tool for productivity. Besides KaVo’s excellence pillars, such as ergonomics, equipment hygiene, and versatility, KaVo AQIA brings benefits that go beyond the practice, like comfort, profitability and satisfaction.

Take a look at our treatment unit:

- **Ergonomics between seat and backrest**: The ergonomic movement between the backrest and seat was designed with respect to the natural movement of the human body. It prevents the pulling feeling because it does not pull the patient from the chair, avoiding the constant need of the patient to reposition himself.

- **Double armrests**: (steady and retractable)

- **Anti crushing device**: The anti crushing device technology avoids accidents by using microswitches located in the backrest, seat and also in the foot control.

- **More comfort to your patient**: The new and wider backrest brings more comfort to patients of different body types and, to the dentist, it increases the access to the patient.

- **Anatomic headrest**: It adjusts to the patient’s height, providing better accommodation and more safety during the procedure. The anatomic shape of the head cushion guarantees the patient’s cervical region support.

- **Less risks and simple maintenance**: The position of the electronic board, underneath the seat and not in the base of the chair, makes maintenance a lot easier, besides reducing the risk of moisture and water leakage.

- **Steady and easy access**: The new shape of the base, shorter and wider in the middle, provides more stability to the treatment unit which does not need to be fixed to the floor. It also allows a bigger proximity between patient and dentist.

- **Silent chair because of the 8.000 N motor of the seat and 6.000 N of the backrest.**

- **Long lasting injected foam**: It guarantees more comfort to the patient and it lasts longer, avoiding deformation along time. Soft and seamless, 100% laminated PVC upholstery ensures comfort and easy cleaning.
KaVo Premium foot control: Ergonomics and productivity

KaVo AQIA’s foot control is the best one KaVo could offer you. Well known in the global products of the brand, it allows ergonomic work, with no need of continuously pressing the foot. It controls all the functions of the treatment unit and handpieces. It’s easy and intuitive. Besides, it allows more comfort to the dentist when adjusting the speed of the handpieces.

Ergonomic
Due to its exclusive design, the foot remains parallel to the floor, avoiding muscle injuries.

Progressive foot control
Easy adjustment of the handpieces speed. You simply have to lay your foot on the central button and move it to both sides: speed increases to the right and decreases to the left. In case you want to interrupt the rotation of a handpiece and later start over with the same speed you had before, just remove the foot from the control and it will remain on the same position.

Activate the timed water cup function. The handle can also be used for transportation.

Activate the chip blower function: dry air through the holes of the spray (when one of the handpieces is in use).

Activate the Spray (Spray On/off*) (When the handpieces are not in their terminals).

Activate the chair automatic position. (When the handpieces are not in their terminals).

Activate the Spray (Spray On/off*) (When the handpieces are not in their terminals).

Reverse the rotation of the electric micromotor* (when it’s out of its terminal), or activate the individual movements of the chair: moving up and down the backrest and seats (when one of the instruments is out of its terminal).

Ideal weight
Compact foot control with ideal weight completely adherent to the floor. Allows easy usage and movement.

You, better | KaVo AQIA

KaVo. Dental Excellence.
Pick the dentist element that matches your preference.

KaVo AQIA offers three options of dentist element: S, T and Cart, all with five terminals. The treatment units were developed focusing on ergonomics and usability. It’s all been designed to work efficiently and fast. The highlights of the dentist element are: Spray On/off, Chip Blower, Electric Micromotor and Ultrascaler.

**Removable holder**

The handpieces holder is a high risk place for crossed contamination. Considering that, we developed it in a soft touch and removable material, making disinfection a lot easier.

**Touch screen panel, all it takes is a slight touch**

All the functions work with only one touch, with no need of putting pressure into it. The panel is more resistant, once its electronic systems are completely protected by a plastic cover.

**Colibri System**

The exclusive German Colibri System allows the hose length to be adjusted in 2 positions. This improves ergonomics and use (no pressure against it).

**Stainless steel tray with wide rim**

Made of stainless steel with wide rim, the tray completely protects the plastic covering avoiding damages on the dentist element.

**Handpieces terminals positioned in 45º angle**

The position and angle of the terminals allow the dentist to easily manage the handpieces, without touching the tips, avoiding accidents.

**Biosafe metal handles**

Their opened shape allows the use of surgical protections and other materials to protect them from crossed contamination.

### OPTIONS / ACCESSORIES

- **Spray on/off**
  - Turn on/off the water of the handpieces using the foot control.
- **Chip Blower**
  - Dry air through the handpieces spray, no need of using the triple syringe.
- **Asepto Sys Plus**
  - Clean the whole water system, from the bottle of water until the handpieces.
- **X Ray Viewer**
  - With LED light.
- **Multiflex Hose**
  - Available with or without LED light.
- **KaVo INTRA LUX® KL 701 Electric Micromotor**
  - Brushless motor guarantees minimum motor wear out.
  - No suction back.
  - Weighs less than 100 grams.
  - Very silent.
  - From 100 rpm to 40,000 rpm with maximum 2.7 Nm torque.
  - Serviceable ball bearing.
- **Sonific Flex 2000N**
- **Ultrajet Flex**
- **EXTRAtorque 503C**
- **Biosafe metal handles**
- **Stainless steel tray with wide rim**
- **Colibri System**
- **Handpieces terminals positioned in 45º angle**
- **Available dentist elements versions:**
  - S dental element with pneumatic arm
  - T dental element with pneumatic arm
  - Cart dental element with pneumatic arm

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**KaVo. Dental Excellence.**
KaVo suction unit, biosafety and aesthetics side-by-side.

Suction unit of entirely new and differentiated design with vertical rounded structure. It occupies less room in the office and looks cleaner with the built-in bottles. Spittoon bowl can be rotated 180°, benefiting both the dentist and patient. There are two sizes of extension arm, and up to 4 terminals can be used: 2 suction devices, polymerization light and auxiliary triple-function syringe.

Built-in bottles with viewer
More beautiful, the suction unit hides the Spray and Assepto Sys water bottles in a case designed to allow practical fitting.

Bottles of greater capacity
There bottles can hold up to 1.5 L of water for spray and 1.0 L for Assepto Sys, improving productivity as the professional does not need to refill it all the time.

Rotary spittoon bowl – 180°
The spittoon bowl can be placed at 90° near the patient, or at 90° near the assistant.

Long extension arm
A synonym for ergonomics, flexibility and freedom, the long extension arm allows suction devices to be easily reached by the dentist and assistant, even in the 12-hour working position.

OPTIONS / ACCESSORIES
- Central suction kit – converts Venturi suction devices into a vacuum pump. Vacuum stop function included – turns suction unit on/off.
- Assepto Sys Plus - Ensures internal cleaning of hoses, from bottle to instrument tip.
- Auxiliary triple-function syringe - of metallic material and autoclavable tip.
- Second 6.3mm Ventury suction device
- Second 9.5mm Ventury suction device
- LED Poly 600 Photopolymerizer
- Air/drain filter kit
- Water filter kit
- Boiler in the water cup
- Heated water – approximately 35°C

Water flow regulator for cup and spittoon bowl
- Suction system hoses can be removed through quick connection, allowing easy cleaning.
- Timed spittoon bowl water can be started by foot control, dentist unit and assistant unit’s touchpad.
- Water in the cup (standard component) electrically driven, with metallic cup filler, removable and autoclavable.

Ceramic spittoon bowl of enlarged diameter – 24 cm. It reduces the chance of spitting outside the bowl, can be removed and is autoclavable.
LED Light:
Take advantage of LED technology!

Following worldwide lighting technological trend, KaVo presents its new line of LED lights: KaVo LED and KaVo LED

In addition to saving energy and longer life, LED lighting provides comfort to the patient and dentist as it does not heat the dentist’s work space.

Besides offering excellent light, the new operating lights are finely finished, resistant and practical.

All models turn on/off in synchronization with the automatic movements of the chair. If the “zero function” is set, the operating light will turn off during the movement and, then automatically turn on when the chair stops.

**Lighting**

LEDs have been designed to create minimum light of 8,600 LUX (+/- 17%), which can be adjusted as required by the procedure, and can be set to maximum 30,000 LUX (+20%). Also, the reflector offers a unique and precise focus on the patient’s mouth.

**Function**

This is the main characteristic of KaVo LED light. It has been developed with special LEDs that do not have the blue light in their composition. This characteristic prevents early polymerization of resins, and allows more time for the dentist to prepare them.

**Wide-range and precise movement**

Head articulation allows freedom of movement, and offers smooth, precise handling. Light longer arms and articulation flexibility provide direct light to the lower lingual arch of the patient, allowing patients on wheelchair to be treated.

**Biosafety and Practicality**

Open, stainless steel double handle is ideal in terms of biosafety. The operating light does not have any openings; its surface is smooth and edges are rounded to provide easy cleaning. The structure is made of aluminum to offer robustness and to prevent head from heating.

Halogen light

It is provided with a double handle and polycarbonate protection. It uses a halogen lamp that allows setting light between 8,000 and 25,000 LUX.

White light is comprised of red, green and blue lights (RGB). Blue is responsible for the photopolymerization process of compound resins. The “function eliminates blue light from the composition, resulting in yellow light, delaying the photopolymerization process.

Safely start the function with proximity sensor in the middle of the reflector head, without touching the reflector.
**KaVo AQIA new colors.**

Volcano Grey  |  Fijí Blue  |  Flamingo Pink

**KaVo AQIA Settings.**

### Patient chair
- **Anti-crushing safety systems:** under backrest, seat and foot control handle
- **Articulated headrest with cervical and occipital support proper for different biotypes of patients.**
- **Double, folding armrest.**
- **Four points spring kit:** without and with cushion.
- **Bi-articulated headrest with cervical and occipital support proper for different biotypes of patients.**
- **Double, folding armrest.**

### Dental unit
- **Table for up to 5 terminals.**
- **Hand-pieces holder made of soft and removable material.**
- **Triple-function syringe, autoclavable tip.**
- **Suction unit secured to the chair – follows chair movement.**
- **Water for the cup electrically driven.**
- **Water timed actuation for spittoon bowl.**

### Foot control
- **Premium multifunctional foot control – instrument sliding and progressive actuation system.**
- **Timer water actuation for spittoon bowl.**
- **Operating light actuation and light adjustment.**
- **Chip blower function actuation.**
- **Chip blower function actuation.**

### Operating light
- **LED + UV synchronized with chair movement.**
- **Halogen light.**
- **Light adjustment between 8,000 LUX and 30,000 LUX (+/-10%).**
- **KaVo LED light.**
- **Smooth surface, no openings and live corners.**
- **Auxiliary handle in terms of biostability – metallic and open.**
- **Double handle, can be handled by dentist or assistant.**
- **Light adjustment between 6,000 LUX (+/-17%) and 30,000 LUX (+20%).**
- **6 long life LEDs.**

### Suction unit
- **Suction unit secured to the chair – follows chair movement.**
- **Water for the cup electrically driven.**
- **Water timed actuation for spittoon bowl.**
- **Venturi suction device, 6.2 mm.**
- **Auxiliary unit table for up to 4 terminals.**

## Others
- **Screen support kit – HDMI cable.**
- **3D model.**

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*Optional – item to be chosen when of purchase – factory supplied
* Necessary – item to be installed at the office
* Not available
KaVo Kerr Group.

Experience the best in the world of dentistry.

The seamless combination of KaVo and Kerr will provide you with the most comprehensive equipment for your dental office.

Only a leading and recognised brand by dental professionals around the world can provide you with a more complete experience. Besides high-tech instruments, equipment and diagnostic imaging, Kerr joins KaVo to offer the best options in dental products.

Our products are designed with you in mind. They are smart, so you can work smarter. They are efficient, so you can optimise your workflow. They are reliable, so you are more confident about the outcome – which enables you to live a life outside the office.

KaVo cares for the patient and the dentist. Its ergonomically designed products ensure optimal hygiene and ultimate protection against infections during treatment.

Our products provide comfort and security to the patient and greater confidence to the professional during his daily practice.

Kerr, with its line of consumables, focuses on composites, adhesives, impression materials, cements and accessories for restoration and prophylaxis and has discovered new paths, bringing the very best in products.

We have a reciprocal relationship with dentists. When customers talk, we listen and continue to develop products that help their work to improve.

KaVo Kerr Group offers broader products and solutions, and this applies to all the equipment that the dentist uses in his daily practice. Our products and brands complement each other. And each one makes you feel better with your performance. Our aim is to transform inspiration into success. You can see it in our processes and products. You can feel it in your work.

Your work should reflect what you want – with the best of your ability.

This should be true for every person. Each piece of equipment is integrated with each other. Each mark connects you to your patients and the whole process is complete. In the end, your work is a reflection of yourself.


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