



K2

COMPACT & LIGHTWEIGHT



K2: THE BENCHMARK FOR COMPACT ARMCHAIRS IN FRANCE

For over 80 years, the AIREL-QUETIN Group has been designing and manufacturing dental chairs in France, combining ergonomics, hygiene and design to support dental procedures.

True to its founding principle – that a dental chair should adapt to the dentist, never the other way round – our company channels all its expertise into ensuring a smooth, precise and comfortable working experience.

Launched in 1999, the K2 embodies this commitment to continuous innovation. Designed to fit into any space, it has evolved over time to offer optimal ergonomics, proven reliability and a resolutely contemporary design.

Today, the K2 has established itself as a French benchmark for performance and reliability. Compact and ergonomic, it features a comprehensive, practical and safe hygiene system, reflecting a high standard of expertise and durability.

THE CORNERSTONES OF OUR -EXPERTISE

Your way of working is unique – and so is our chair

We firmly believe that there's no such thing as a bad chair... just bad choices. Every practitioner has their own way of working, their own environment and their own habits. Our role? To help you find the set-up that suits you best.

Our chairs are designed to adapt to your posture, your movements and your space – not the other way round. Thanks to our expertise and our in-house design team, we can help you create a workspace that feels fluid, natural and unrestricted. Working comfortably means working better, for longer, and in a way that's kind to your body.



Water purity, the serenity of the gesture

Hygiene is in our DNA.
As early as 1985, Airel developed IGN® and Calbénium®, two innovations that revolutionised the decontamination of water circuits in dental chairs.

Even today, this requirement remains at the heart of everything we design. Our integrated systems ensure continuous disinfection, minimise limescale build-up and prevent the formation of biofilms, resulting in clean water, decontaminated equipment and a safe environment.

Hygiene is not an option.
This ensures lasting trust between you, your team and your patients.





Combining design and functionality

As a dental chair is also a central feature of your practice, it must be designed to be aesthetically pleasing, functional and reassuring.

Our designs are sleek, our shapes are light, and our proportions are carefully considered to save space and allow for freedom of movement.

Every detail has a purpose: a rounded front panel to make cleaning easier, a smooth surface for easy maintenance, and a choice of harmonious colours to create a cabinet that reflects your style.



French quality: certified and responsible

Being a French manufacturer is not just a label; it is a commitment. 90 per cent of -AirelQuetin's components are manufactured in France in our ISO 13485-certified workshops, in accordance with the most stringent standards for medical devices (Class IIa).

We prioritise quality, serviceability and durability, with parts available over the long term and a network of regional technicians at your service. Our environmentally responsible approach is a long-term commitment: recycling WEEE with Ecosystem, and sustainable materials management.



K2: THE PERFECT BALANCE

BETWEEN SPACE AND PERFORMANCE

Designed and manufactured in France, at our factory in Champigny-sur-Marne, the K2 embodies Airel-Quetin's expertise: offering a compact, high-performance chair that is perfectly suited to every practitioner. Designed to fit into any space, even the most confined, the K2 combines manoeuvrability, precision and comfort.

Its wide range of movement suits all body types and care routines. The slim backrest and fold-down leg rest facilitate access and provide a clear view during treatment.

Controlled by a microprocessor, the K2 ensures precise and safe movements thanks to its built-in safety features. Its intuitive touchscreen makes it easy to manage all its functions. Its swivelling spittoon and compact tray promote smooth, ergonomic use on a daily basis. Stylish, smart and practical

The K2 has established itself as the benchmark compact armchair, designed to last and inspire confidence.





HEADREST PNEUMATIC ASSISTANCE

Comfort through lateral and rotational movement.

The triple-articulation headrest adapts perfectly to all positions of the patient's head to optimise their comfort. Ergonomic support at the nape of the neck ensures a natural and stable position. A single button controls lateral movement, rotation and vertical adjustment, all of which are pneumatically assisted. It can also be positioned to accommodate children, making it ideal for paediatric dentistry.



A FULL RANGE OF EQUIPMENT

WHIP UNITS

The ambidextrous tablet attached to the AirelQuetin- chair completely reimagines the dentist's ergonomics and provides a smooth, intuitive working experience. Every detail has been carefully designed to minimise unnecessary movements and maintain good posture. The dentist can therefore focus on providing care.

- 'Upside-down' instruments: easy to pick up and reposition, on either the right or the left.
- Maximum lateral flexibility and suppleness: the range of movement of the arms and the length of the cord allow for optimal access inside the mouth.



Easy to handle and flexible, the balance arm tray can hold between 2 and 8 instruments 'upside down', making them easy to pick up and reposition, on either the right or left-hand side.

The range of movement of the arms and the length of the cord ensure optimal access to the mouth.



Shaker shelf mounted on a column

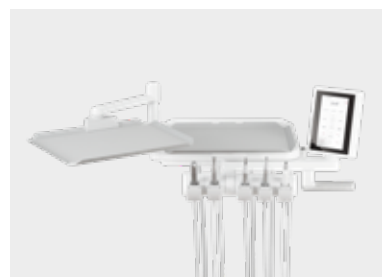
Easy to handle and mounted on a column, the tray with highly flexible arms can accommodate up to five instruments. When working with your right hand, the K2 supports your 9 o'clock to 12 o'clock working position. It is a piece of equipment designed for general dentistry or paediatric dentistry.



Whip tray fixed to the ceiling

In the transthoracic and ambidextrous position, the whip unit is mounted on the ceiling to leave the patient's entrance completely unobstructed.

This equipment is designed for general dentistry or paediatric dentistry



UNIT PENDANT CORDS

The 'Cordons Pendants' tray from Airel-Quetin offers optimised instrument organisation. Each instrument is within easy reach, close to the patient's head, ensuring a smooth and comfortable workflow. The wide version of the tray. Mounted on a counterbalanced arm, the tray can hold up to six instruments.

- 'Upside-up' instruments: the adjustable angle makes them easier to grip.
- Instrument mobility: adjustable rotation and positioning for maximum ergonomics.
- User guide: for precise and safe operation every time.
- 2 removable trays: so you can choose the right one



Ambidextrous side-mounted tablet attached to the chair

Easy to handle and attached to the base of the chair so that it can be moved sideways, the tray can hold up to six tiltable instruments. This configuration supports your working position, whether using direct or indirect vision, across a wide field of view.



Wall-mounted shelf

In a small treatment room, the wall-mounted bracket with a compensating arm allows for a unit with all its features to be installed, whilst also fitting into storage space beneath the unit to keep the reception area clear for patients.

THE MOBILE TROLLEY

The mobile trolley has a modern, ergonomic design. It takes up very little space and can be attached to the wheelchair or used on its own, depending on your needs. It is ambidextrous, with the screen and keyboard able to be positioned on the left or right to suit any use perfectly.



Two removable, multi-position trays



Adjustable height



Moving from left to right in 20 seconds



high-definition touchscreen



Four swivel castors



Adjustable tilt for each instrument module



- The screen and keyboard can be positioned on the left or right for universal comfort.
- Complete mobility: it moves easily around the entire surgery.
- It takes up very little space and can be slipped under a piece of furniture or stored next to the armchair.
- It is height-adjustable, so it suits all body types and working styles.

Whether connected by a single cable or completely independent, it can be easily moved from one workstation to another, offering flexible and adaptable ergonomics within the practice.

CONTROL SCREENS

Designed to support you at every stage of treatment, Arel-Quetin control panels combine ergonomics, precision and hygiene. You have instant access to all the unit's functions and can customise your settings to suit your treatment protocols.



EVO.2

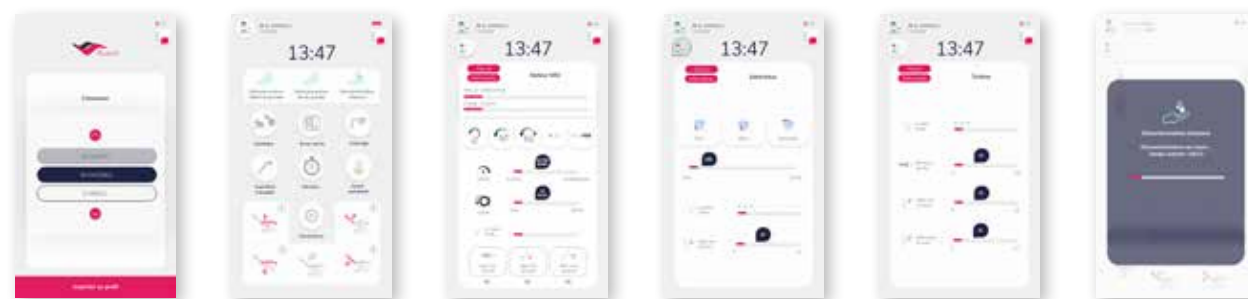
The high-definition colour touchscreen.

With its 7-inch HD colour screen, the EVO.2 offers total and intuitive control of the unit. Each instrument can be precisely adjusted and programmed to define treatment protocols. Completely watertight for impeccable hygiene, the EVO.2 incorporates the latest technological advancements (Wave One, CCTV camera, etc.) to deliver a seamless, personalised and scalable working experience.

NEO.2

The monochrome touchscreen.

Compact and ergonomic, the NEO.2 display shows all the unit's functions on a backlit monochrome touchscreen. Its completely watertight design ensures perfect hygiene and exceptional durability. Just like on the EVO.2, thanks to the ability to save settings to a USB stick, personal settings can be easily transferred to any other chair. A reliable and practical tool, ideal for working with peace of mind on a day-to-day basis.



Access to different user profiles with access control.

Main menu: access to chair positions, stopwatch, camera, etc., as well as interface settings and configurations

Micro-motor speed preselection, torque adjustment, auto-reverse, wave-one, auto-forward.

Adjusting the power of the piezoelectric scaler
Selection of paro/endo modes /scaler.

Adjustment of light intensity, air flow and water flow rates for the spray nozzles.

Disinfection of the dental unit and flushing of instruments (daily, weekly and intensive protocols)



Main menu: access to chair positions, the stopwatch, and interface and instrument settings.

Display and preselection of -micromotor speed. Torque adjustment and auto-reverse and -auto-forward functions.

Adjusting the power of the piezoelectric scaler
Selection of paro/endo modes /scaler.

Adjustment of light intensity, air flow and water flow rates for the spray nozzles.

Access to settings for seat memory, time, date, languages, etc.



THE WIRELESS PEDAL

The wireless foot control offers complete, unrestricted control of the unit and combines ergonomics, precision and hygiene. With its unique stepless control, all the essential functions of the chair and instruments can be operated at the touch of a toe, without any cables, ensuring unrivalled fluidity of work.

Thanks to the stepless control, the speed of the instruments, the power of the scaler and the intensity of the spray can all be adjusted with precision. The Chip Air and Chip Water functions can be activated instantly, as can the chair's movements or access to saved position programmes, at the touch of a button.

Optimal ergonomics and hygiene

Available in either a 'crush' or 'side' version, the pedal adapts naturally to your posture and working habits. Its wireless operation offers great freedom of movement and eliminates any unnecessary contact, ensuring impeccable hygiene on the floor. Its long-life battery, which lasts for several months, guarantees reliable operation throughout the day.

Advanced features to help you work more efficiently

- Manual or automatic suction
- Control of the chair and spittoon; programmed or manual movements
- Safety stop at the touch of the handlebar
- Easier cleaning: the screen is temporarily locked to prevent accidental activation whilst cleaning.

ADD-ON MODULES

THE SPITTOON

The K2's spittoon is removable and rotatable, and is fitted to the top of the column for easy access and simplified maintenance.

Designed as a natural extension of the chair, it combines patient comfort, hygiene and aesthetics. Its ergonomic positioning makes it easily accessible, regardless of the type of treatment or working position.

At the heart of the system, CUSPICLEAN® technology ensures continuous decontamination of the toilet bowl water thanks to an integrated soluble cartridge. Its removable glass bowl, available in a range of colours, combines style with practicality: it can be easily removed for cleaning and blends seamlessly with the chair's design.



SUPPORT FLEXIBLE SUCTION

Available with a flexible or articulated arm, this module combines comfort and manoeuvrability. A simple and effective solution for adapting your workspace to your working habits.



HYGIENE AT THE HEART OF YOUR DENTAL PRACTICE

Dental practices are particularly susceptible to microbiological contamination. Due to the nature of the treatment provided, they lie at the intersection of two tracts (the digestive and respiratory tracts), with potential exposure to blood, aerosols and complex equipment. The water used in a dental practice can be a source of contamination, whether in sprays, instruments or suction systems.

These factors contribute to the spread of infectious agents (among healthcare professionals, healthcare teams and patients) if

strict measures are not implemented.

For over 35 years, Airel-Quetin has placed hygiene at the heart of the design of its dental chairs. As a pioneer in integrated decontamination, the group has developed exclusive solutions to ensure the safety of both the dentist and the patient at all times. We have designed two complementary technologies, integrated into the chair, which guarantee controlled hygiene throughout the entire treatment process.

THE WATER IN THE SPRAYS



IGN Evo®

A fully automated spray water decontamination system, connected to the mains water supply. Available as a stand-alone unit or integrated into the chair, IGN Evo® ensures continuous and reliable water treatment for every patient.



Calbenium®

A disinfectant and descaler for all circuits in dental units, including air-water systems. Whether used with IGN Evo® or on its own, Calbenium® ensures that the water is always clean, safe and compliant with the most stringent hygiene standards.



IGN Cartridge®

This supplementary filter cartridge continuously purifies the water in the sprays when used in conjunction with IGN Evo® and Calbenium®. It maintains the highest possible standards of safety and protects your patients during every treatment.

INSTRUMENTS AND CABLES



Aspisept®

Internal decontamination system for suction lines using Calbenium®. Each line is automatically cleaned and sanitised, without the need for complex procedures, ensuring consistent and controlled hygiene.



Calbepuls®

A method for the rapid and effective decontamination of instrument heads using a pressurised jet of air and water enriched with Calbenium®. It eliminates any risk of residual contamination after each treatment, ensuring the safety of both the practitioner and the patient.



Calbenium® Spray

A ready-to-use, alcohol-free and non-corrosive solution designed for cleaning and disinfecting surfaces.



THE SEATS

We know that every movement counts and that posture has a direct impact on comfort and precision in our day-to-day work.

That is why we offer ergonomic, adjustable and high-performance operator chairs that meet the specific needs of every healthcare professional, whilst combining style with functionality.



HARLEY

The Harley seat optimises comfort and posture during long shifts:

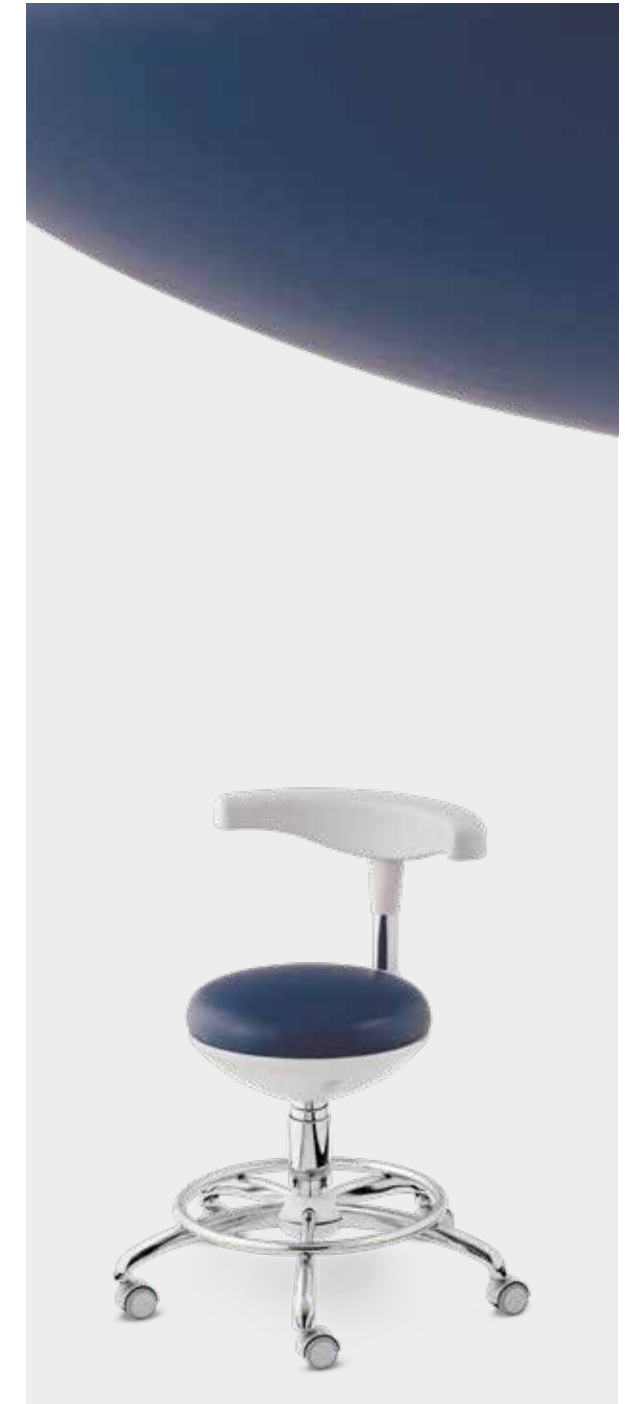
- Customisable cover
- The back support and leg angle are designed to minimise fatigue.
- Support area increased by 20% by extending the support down to the thighs, for lasting, superior comfort.



SYNCHRO

The Synchro operator's chair combines ergonomics with practical support, smoothly accompanying every movement:

- Customisable cover.
- Optimal back support, ensuring consistent comfort throughout the day.
- Built-in footrest, for a naturally balanced sitting position.



ASSIST

The assistant's chair combines practicality with bespoke comfort:

- Customisable cover
- A multifunctional backrest that can be used as a support or an armrest, depending on the action.
- Built-in footrest for a stable and relaxed position during procedures.

-Double-foam padded seat, available in a wide range of colours.



Right-hand foot pedal: controls the sprays, the spittoon or the movement of the chair.

Left pedal: controls the instruments and locks the seat in place.

NIRVA 13

Ergonomics and comfort all in one.

The 'kneeling' position was the result of a search for a more comfortable and less harmful working position. This position has a distinctive ergonomic feature, namely the eye-pelvis-knee triangle.

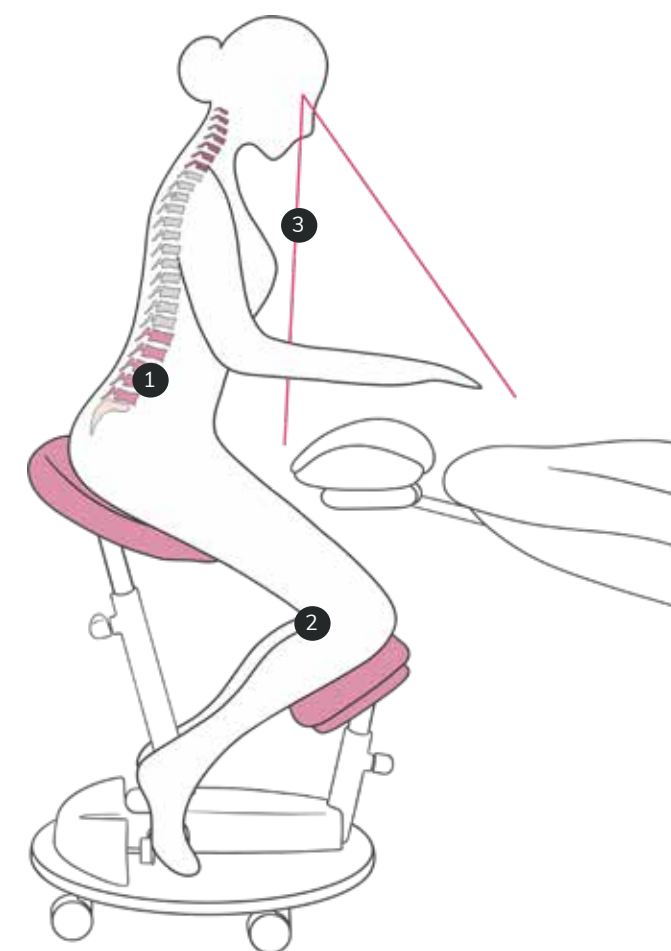
From now on, when the practitioner leans forwards, they do not bend their spine but rely on their body's natural rotation at the hips **(1)**.

The main advantage of this is that it does not cause spinal, circulatory or respiratory problems: the ribcage is no longer compressed as the back remains straight. Consequently, the practitioner does not have to hold their breath and is no longer subject to problems relating to CO₂ levels in the blood.

The second improvement compared with other positions is the 'buttocks-to-knees'- double support **(2)**. This double support promotes better blood circulation. The veins in the hips are not compressed, which facilitates good blood circulation. The 'kneeling' position prevents the spine from curving into kyphosis and engages the paraspinal and abdominal muscles rather than the bony structures.

It should also be noted that, because of the angle of the legs, the practitioner will be able to stand beside the patient without being obstructed by the chair, whatever type it may be. They will then be as close as possible to the patient and will have a better direct view of the surgical field.

The 'Practitioner (high) – Chair (low) – Tray (low)' trio allows the practitioner to have a clear, direct view of the surgical field from a raised position **(3)**, without having to contort themselves to reach their instruments on the tray (transthoracic whip, independent cart). They can therefore carry out their work in optimal conditions, avoiding many of the problems caused by poor ergonomics.



Ref:

COLOUR CHART

Airel-Quetin offers a wide range of colour charts for its upholstery, combining both durability and originality.

Each colour and texture has been carefully selected to ensure it blends perfectly with the ambience and colour schemes of the surgeries, whilst offering optimum durability.

The materials chosen do more than simply enhance the space; they also ensure long-term performance, withstanding the rigours of everyday use. This combination of aesthetic appeal and practicality thus adds a personalised and elegant touch, whilst meeting the requirements of professionals seeking quality and durability.



THE AIRELQUETIN- GROUP



K2 ONE, Quetin® 2011

-ArelQuetin is an independent, family-run business that places people, quality and innovation at the heart of every project. Our chairs and units are entirely designed and assembled at our factory in --Champigny-sur-Marne, which is ISO 13485-certified, ensuring compliance and safety. Each piece of equipment, a Class IIa medical device (CE marked), comes with a 2-year warranty, which can be extended to up to 5 years, to provide long-term support for the practice's operations.



For over a century, -AirelQuetin has established itself as a leading French name in the design and manufacture of dental chairs and equipment.

The journey began in 1921 with Mangin, continued in 1982 with Airel, and then merged with Quetin in 2000, a long-established manufacturer founded in 1935. These complementary areas of expertise combine innovation and tradition to offer comprehensive solutions tailored to all areas of dentistry.



K2, Airel-Quetin® 2025

Guided by experience and research, we develop ergonomic, modular and stylish solutions, combined with our exclusive integrated decontamination systems (IGN®/Calbenium®). Our aim: to provide practitioners with a high-performance, hygienic working environment tailored to each dental specialism.

At Airel-Quetin, people-centred relationships are key. Listening, responsiveness and a personal touch are at the heart of the support we provide on a day-to-day basis. Our sales and technical team, with a nationwide presence, ensures personalised support before, during and after installation.

From universities to private practices, from hospitals to the armed forces, we share the same conviction: to serve, support and protect professionals in the dental sector.





THE DENTAL PRACTICE
SPECIALIST SINCE 1982.



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Airel-Quetin units are Class IIa medical devices.
Notified body: SZUTEST CE 2195.