

A-dec® 500

Chair and Delivery System



 a-dec®



EXPERIENCE A-DEC 500

New skills. Infinite possibilities.

Enabled with **A-dec+** and an updatable software platform, the A-dec 500 Pro delivery system supports your dental team with an unprecedented level of connectivity. And, as the ever-evolving software updates your system, you can add new clinical solutions allowing your practice to keep up with your growing skillset.

CONNECTIVITY A-dec+ paired with a software-based platform brings technological flexibility to your practice.

EXPANDED CAPABILITIES Integrating new clinical capabilities with the existing platform keeps equipment relevant.

INTELLIGENT CONTROL Add new clinical capabilities to your existing platform and unlock new practice potential.

OPTIMAL ACCESS Get in close and comfortably position everything you need within reach.

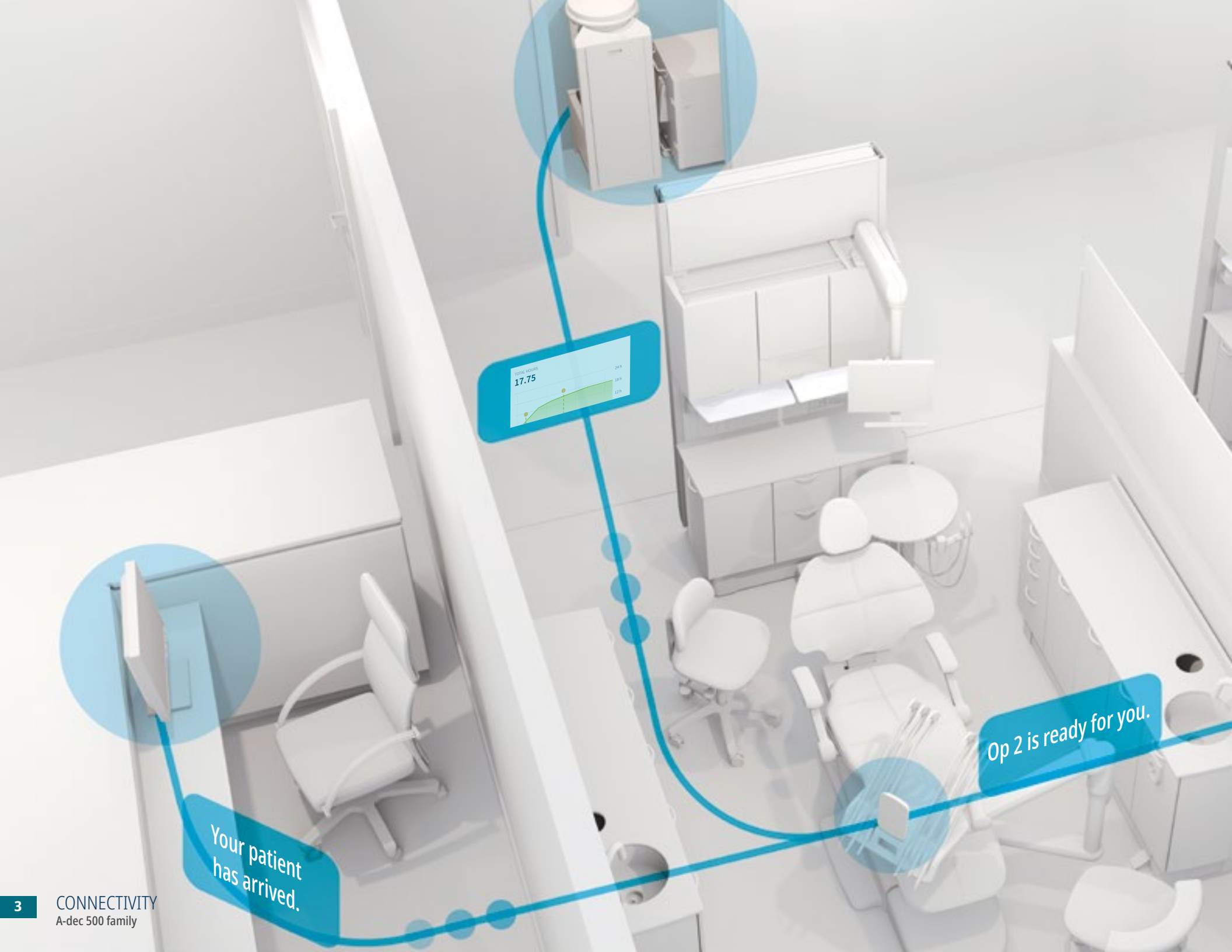
SUPERIOR CARE Comfort and stability add up to a superior patient experience.



Your patient
has arrived.



Op 2 is ready for you.





[01] EXPERIENCE CONNECTIVITY

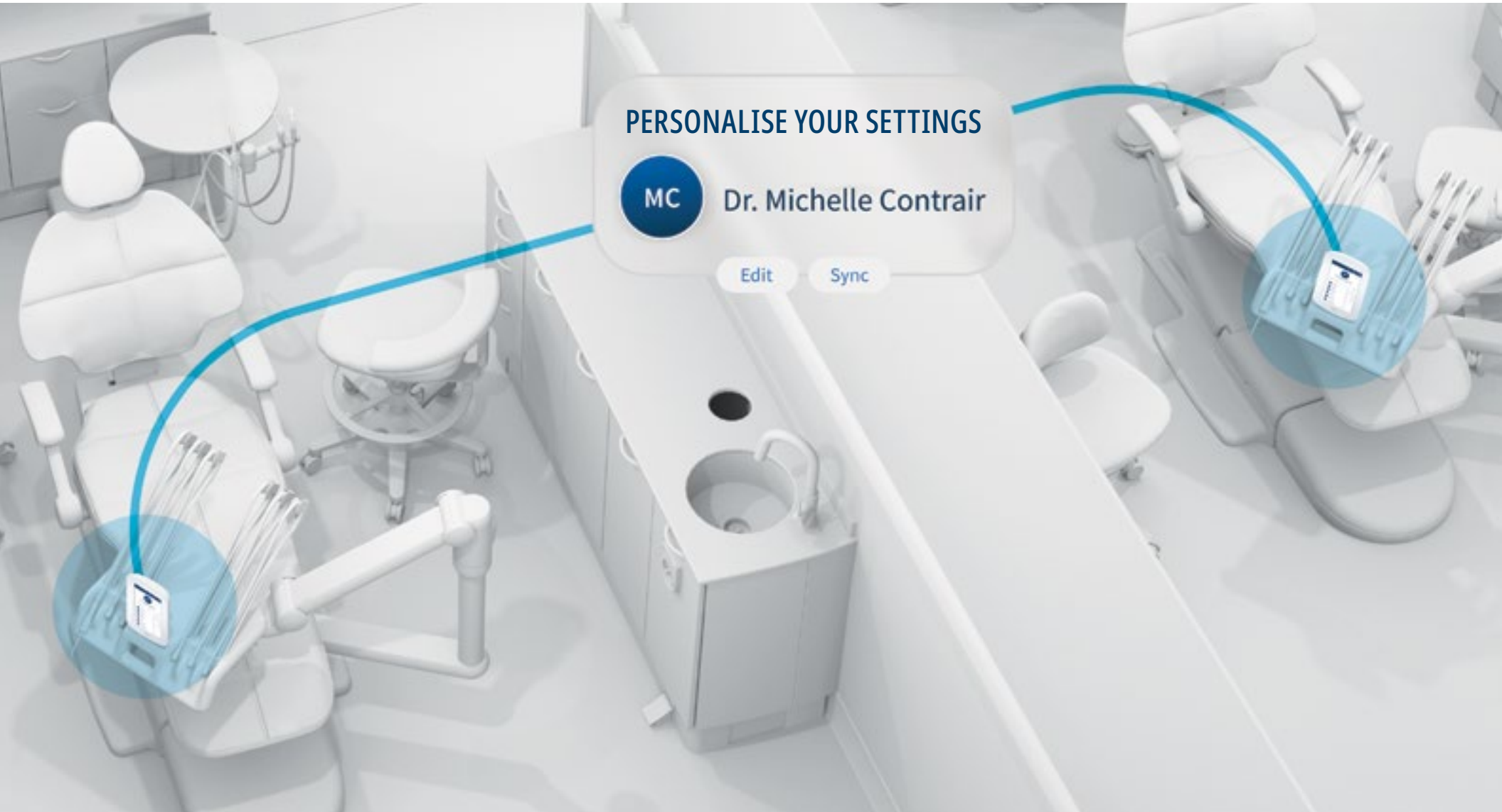
Forward-thinking design.

A software-based platform paired with A-dec+ offers your team perpetual technological flexibility.

Your entire practice is connected—and you're ready—for whatever lies ahead.

Messages will appear in your selected language.

CUSTOMISED AND SYNCED



PERSONALISE YOUR SETTINGS

MC

Dr. Michelle Contrair

Edit

Sync

Take your settings with you.

Simple, intuitive and powerful, the DS7 is easy to customise for a consistent and more efficient experience across every connected A-dec operator—*and even in multi-location practices.*

MULTI-USER SETTINGS With A-dec+ connectivity, your personalised settings from chair positions and handpiece presets to endodontic and implant configurations, sync across operatories and practices so you can sit down and start working.

ON-SCREEN MESSAGING Whether notifying the doctor that the patient is ready or that you're running behind, the A-dec+ Intercom messaging* feature allows communication between operatories without interrupting procedures.

SOFTWARE UPDATES Once you register on the A-dec+ app, new product features and enhancements will be available via software updates. So you can keep equipment up to date with just a click.



▲ Multi-user screen



▲ Paging & messaging screen

ALWAYS EXPANDING
Keep up to date
with the latest
A-dec+ capabilities.



unitedkingdom.
a-dec.com/a-dec-plus

**Screens will appear in your
selected language.*



[02]

EXPERIENCE FLEXIBLE INTEGRATION



Ready for anything.

A-dec products are engineered to last, but technology is ever-changing. The ability to integrate new clinical capabilities with the existing platform means your equipment can keep up with you, your evolving skillset, and the future of your practice.

INTUITIVE AND INTEGRATED



One system for every procedure.

With the ability to perform a range of procedures from hygiene to implantology using one intuitive touchscreen, streamlining workflows and reducing chairside clutter is a given.

Supports procedures from simple to complex, streamlining your workflow:



HYGIENE

An integrated hygiene setting incorporates routine procedures into patient care, using the same intuitive system.

GENERAL RESTORATIVE

With an all-inclusive interface, your most common procedures just became more efficient.

ADVANCED ENDODONTICS

Rotary and reciprocating modes offer the versatility you need to work the way you want.

APEX LOCATOR (available with Midwest)

On-screen visuals and real-time audio guidance help you stay focused and navigate canals with confidence.

INTEGRATED IMPLANTOLOGY (available with Midwest)

Add implant capabilities now or any time in the future through the existing platform on your A-dec 500 Pro delivery.

AMPLIFIED PRACTICE POTENTIAL



Reduced complexity. Expanded possibilities.

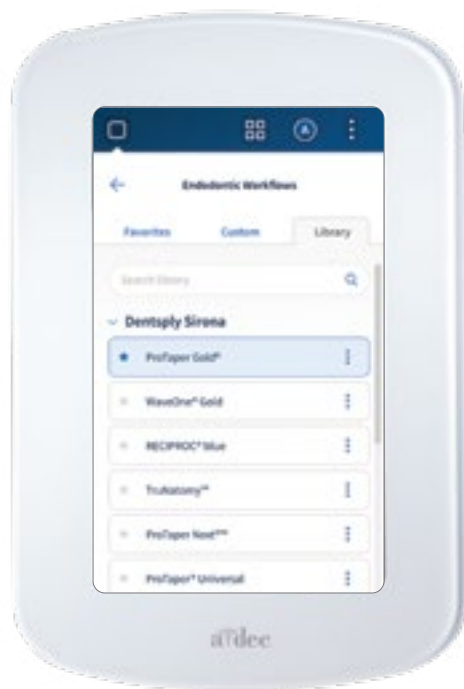
Adding endodontics to your treatment options provides a more comprehensive approach to your patients' oral health, and allows you to grow your practice with one intuitive, integrated solution—without expanding your footprint.

CONNECTED INTELLIGENCE Software enhancements seamlessly improve features and user experience, while the file library updates ensure your files and workflows evolve as new clinical solutions emerge.

PRECISION WORKFLOW Gain the unmatched advantage of Dentsply Sirona's trusted WaveOne® and Reciproc® file technologies, seamlessly integrated into your daily workflow.

MIDWEST APEX LOCATOR Accurately identifies file position relative to the canal apex, whether using manual measurement with a hand file or real-time guidance through the Midwest motor and handpiece.

ADAPTIVE MOTOR RESPONSE With a user-defined target depth setting, the system automatically activates auto-stop or auto-forward the instant your goal is reached, delivering precise control, reduced risk of over-instrumentation, and a smoother, more predictable finish.



▲ Apex locator file library



▲ Active endodontic screen





EXPERIENCE INTELLIGENT CONTROL

*Connected
and consistent.*

It's that feeling you get each time you greet a new patient, knowing that your equipment is connected and smart, yet still so intuitive. It knows your settings, works with your flow, and offers consistency room to room, clinic to clinic.

FAMILIAR AND RESPONSIVE

Intuitive by design.

The interactivity and feel of the 7" Dynamic Screen 7 (DS7) are so familiar—like bringing your phone into the operatory. And with a simplified interface that displays only the information you need for the procedure at hand, you can stay focused on your patients.



DS7
DOCTOR

ADAPTABLE CHAIR PRESETS

Icons reflect actual chair positions, so you can confidently reposition your patients.

PSI CUSTOMISATION

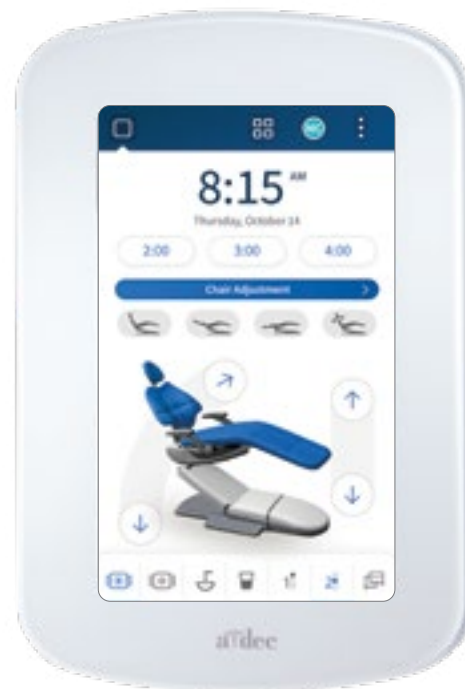
Drive air pressure display enables precise handpiece setup.

PROCEDURAL TIMERS

Customisable timers in your field of vision help maximize awareness during time-sensitive procedures.

LOCALISED LANGUAGES

Customise the interface with your preferred language.



CAPACITIVE TOUCHSCREEN

Scrolling options let gloved hands precisely navigate the interface.

CONFIGURABLE PRESETS

Define and store procedure-specific settings using one-touch memory functions, for efficiency across your workflow.

SOFTWARE UPDATES

As technology becomes more intelligent, updates enable your A-dec equipment to evolve.

TAKE A TOUR ▶



THERE'S SO MUCH MORE TO SEE

Technology is always evolving, and so are we. Take a tour to see what's here—and what's new.

PAIRED AND CONNECTED



CP5 + **DS7**
ASSISTANT DOCTOR

Always on the same page.

You know those detail-oriented, articulate assistants who can always predict your next move? Pairing the doctor's Dynamic Screen 7 (DS7) and assistant's control pad (CP5) connect the whole team.

CUSTOMISABLE SETTINGS

Personalise your settings for the way you work.

COMMAND CONFIRMATION

Visual and audible command confirmation offers confidence and assurance as you work, with both proactive alerts and reactive signals that confirm your inputs and requests.



CAPACITIVE TOUCH SCREEN

Advanced responsive keys and impact-resistant glass surface are easy to program—and disinfect.

LED INDICATOR

Intuitive indicator lights help guide you through usage and settings.

CP5
ASSISTANT





[04]

EXPERIENCE OPTIMAL ACCESS

Perfect proximity.

Everything you need is easy to position and comfortably within reach.

Close in to your patient, your posture is healthy, your view is clear, and your reach is minimal. It's amazing how time flies when you're comfortable.

EFFORTLESS ADJUSTMENTS



The freedom to focus.

It's true. You can activate, deactivate, position and place your instruments without looking away from your procedure, and without a conscious thought. We've worked hard to keep the equipment and technology simple and predictive to maintain your confidence in front of patients.

FIRST-OUT LOGIC Once a handpiece is removed, the intelligent control disables a second one from operating.

ADJUSTABLE HANDPIECE HOLDERS Each position on the Traditional delivery system is movable, so you can tilt the handpieces downward to easily grip when in use, and return upright for safety when they're not.

WATER COOLANT INDICATOR Blue display light corresponds with selected instrument for easy adjustments.

AUTOMATIC BREAKING Grasp the handle and the brake automatically releases. We call it positive positioning, but you'll just call it effortless.

PRESET FLUSH TIMERS Four programmable options help automate waterline maintenance flush between patients. Just pull handpieces away from the delivery to activate the flush screen, and push a button to start the process.

WATER DROPLET CONTROL Drip-control vaporiser stops the last handpiece water droplet from falling onto the patient.



▲ Water coolant indicator light



▲ Preset flush timers





[05]

SUPERIOR CARE

Sleek, yet supportive.

Gentle, supportive comfort puts your patients at ease for a positive experience that sets you apart.

ALL WITHIN REACH



All around comfort.

Is comfort a feeling or a science? It's both. By reducing pressure points and streamlining support through scientific pressure mapping, A-dec 500 ensures patient comfort during procedures. And when your patient is relaxed, so are you.

DUAL-ARTICULATING GLIDING HEADREST Four adjustment points on the headrest support your patient from any angle.

THIN FLEXIBLE BACK There is a purpose behind the flexible but sturdy back. The stingray shape reflects the anatomy of the patient's body, offering full support while allowing you to work in a comfortable position—legs under your patient, elbows at your side.

SECURE ARMRESTS Multi-position armrests solidly support patients when they need it, and move out of the way when they don't.

TOEBOARD TILT When the chair reclines, the toeboard imperceptibly raises a full 9" (229 mm) for a gentle cradling effect. All your patient feels is relaxed.



ATTENTIVE DESIGN

Instant comfort.

Getting comfortable in the chair isn't the patient's responsibility. It's ours. So we designed it to support your patient's entire body from the moment they sit down.

GENTLE START/STOP

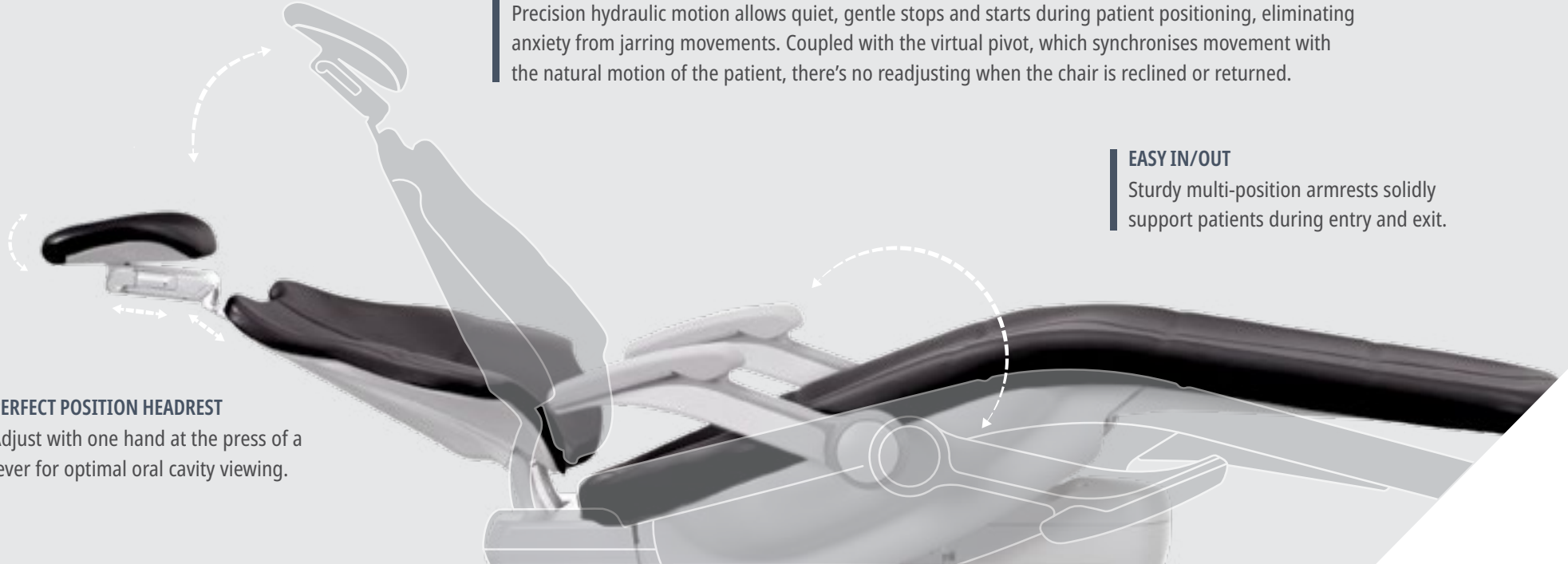
Precision hydraulic motion allows quiet, gentle stops and starts during patient positioning, eliminating anxiety from jarring movements. Coupled with the virtual pivot, which synchronises movement with the natural motion of the patient, there's no readjusting when the chair is reclined or returned.

EASY IN/OUT

Sturdy multi-position armrests solidly support patients during entry and exit.

PERFECT POSITION HEADREST

Adjust with one hand at the press of a lever for optimal oral cavity viewing.



BETTER VIEWING

In-plane switching (IPS) screen technology allows clear viewing from extended angles. So even if the screen is optimised for the doctor, the assistant can easily see and monitor from a side angle. The screen also tilts for less glare and optimal visibility.

BALANCED STABILITY

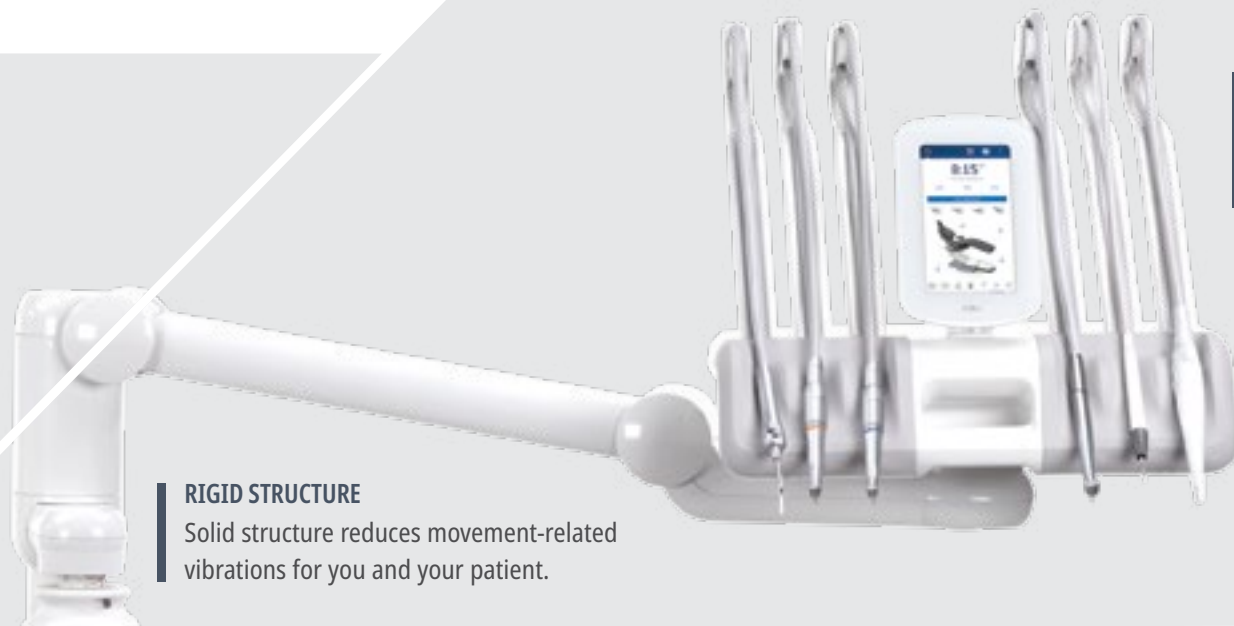
Handpiece arms balance tubing weight so you can smoothly and effortlessly move handpieces without tugging or wrist fatigue.

FLEXIBLE TUBING

Sturdy, lightweight tubing retains integrity for easy cleaning over time.

RIGID STRUCTURE

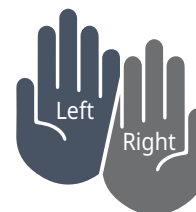
Solid structure reduces movement-related vibrations for you and your patient.



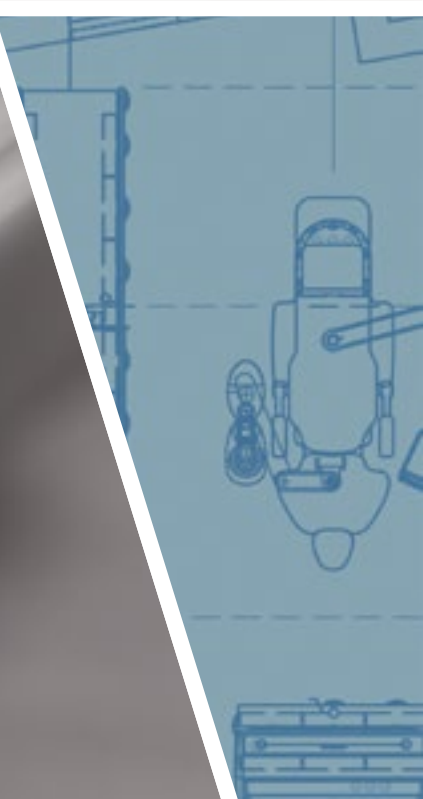
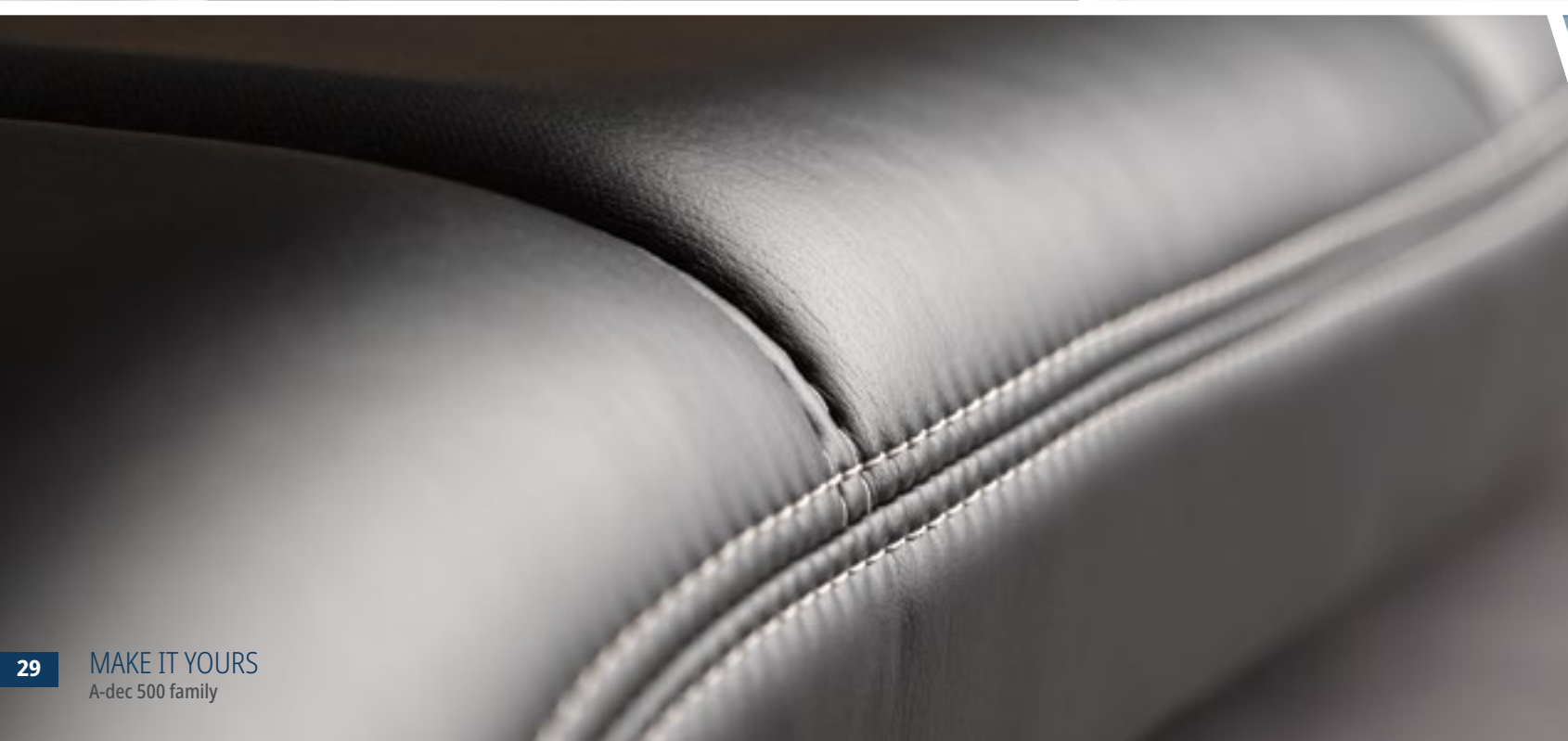
Accommodates a wide range of patient sizes



Weight capacity up to 500 pounds (227 kg)



Centrally located ambidextrous delivery system handle and touchscreen



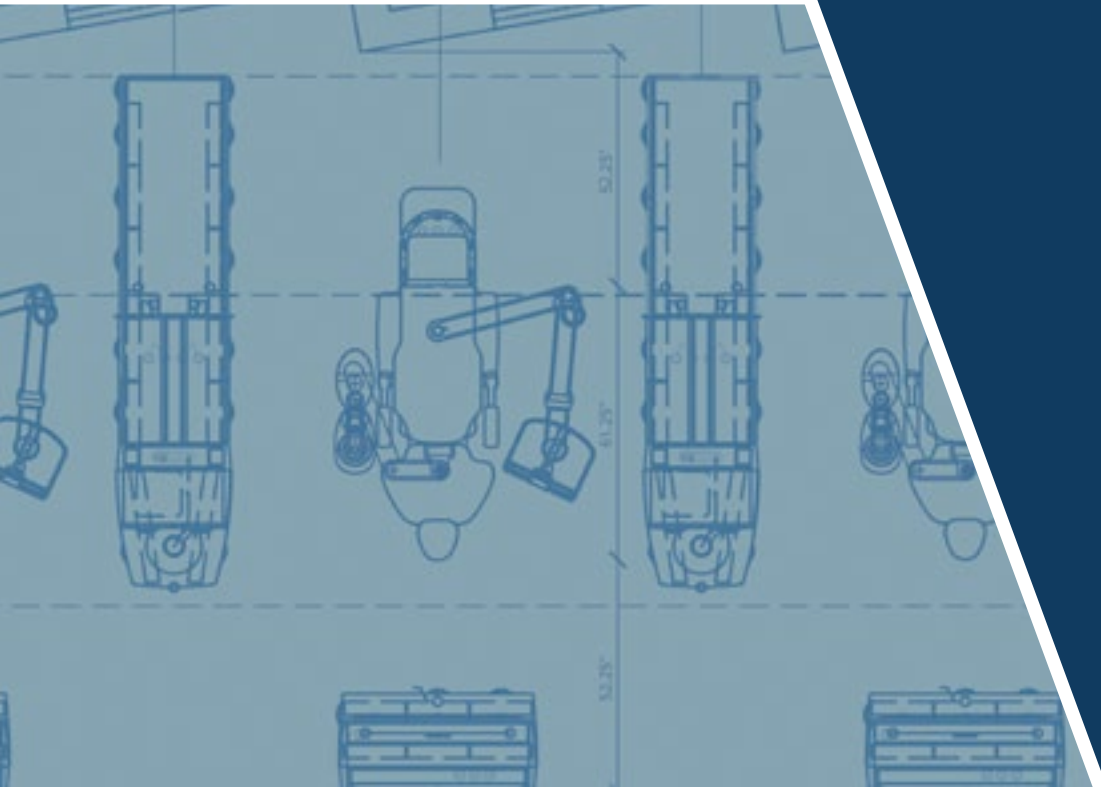


[06]

MAKE IT YOURS

Tailored individuality.

Colour and style, delivery options, foot controls and instruments. You deserve to work your way, right down to the last stitch. At A-dec, we believe in choice.



WORK THE WAY YOU WANT

Choose your delivery system and add-ons for a setup that's perfectly tailored to the way you practice.



CONTINENTAL®: All-Around ergonomic comfort
A-dec 533pro Continental® delivery, disc foot control.



TRADITIONAL: Integrated and streamlined

A-dec 532pro Traditional delivery, lever foot control, 572L LED light.



12 O'CLOCK: All-inclusive surgical

A-dec 541pro 12 o'clock delivery, IV armboard, integrated implantology, A-dec 576 surgical light.

FLEXIBLE OPTIONS



DS7 touchscreen



Clinical devices



12 o'clock



Deluxe Plus touchpad



Handpiece and motors



Chair mounted

▲ Control Pad Options

▲ Integrated Instruments

▲ Assistant's Holders

We believe in choice.

Since no two doctors are exactly the same, our equipment options let you customise the most efficient setup for you and your team.

▼ Monitor Mount



▲ Cuspidor



LED light



IV armboard



Lever foot control



Integrated implantology—back



Disc foot control



Surgical light



Integrated implantology—front

▲ Foot Controls

▲ Dental Lights

▲ Surgical Options

YOUR COLOUR, YOUR WAY



Sewn upholstery

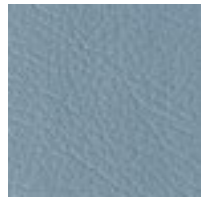


Formed upholstery

Sewn colours in Ultraleather® - *contrast stitching comes standard with sewn upholstery.*



sky



riviera



st. john



pacific



bayou



diplomat blue



cyan



parrot



arugula



poseidon



lapis



plum



sassy



apricot



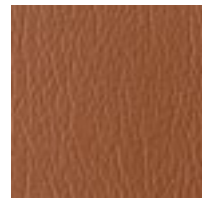
fuchsia



vivid punch



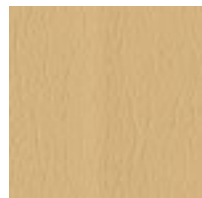
red



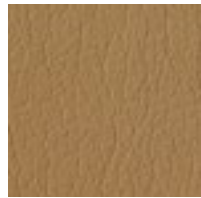
curry



almond



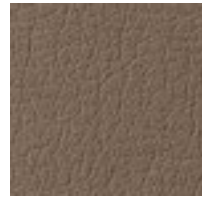
chamois



pecan



papyrus



sable



cave



arctic



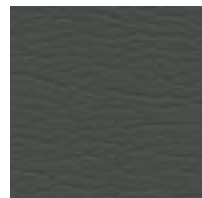
timberwolf



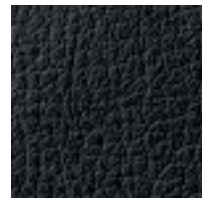
granite



charcoal



schooner



ebony

Formed colours in Dauphine



sky blue



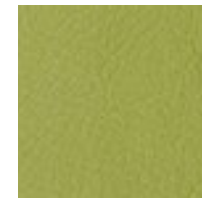
indigo



sapphire



amethyst



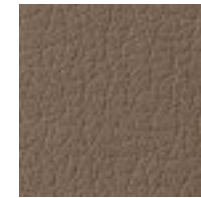
lemongrass



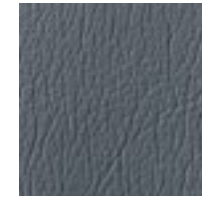
hazelnut



driftwood



tawny



carbon



black



Find your perfect colour and order samples. [a-dec.com/colour](https://www.a-dec.com/colour)

SPECIFICATIONS AND DETAILS

Use these chair, delivery system and assistant's arm specifications to help determine what best suits you and your team. For the full line of package options, from LED lights to monitor mount specifications, see your A-dec representative or the A-dec equipment catalog.

A-dec 511 Dental Chair	
Base height range	Low point: 13.5" (343 mm), High point: 31.5" (800 mm)
Backrest	Ultra-thin 1.25" (32 mm) flexible backrest* (*based on formed upholstery)
Headrest	Dual-articulating gliding headrest, lever release
Armrests	2-position armrests
Chair swivel	60° (30° each side of center)
Power supply	300-watt
Chair control	Doctor's touchscreen/Assistant's touchpad or optional foot switch
Lift system	Soft start/stop hydraulic drive
Mount style	Radius® left/right
Upholstery options	Sewn or formed
UL load rating	UL rated to 500 lb (227 kg) maximum patient load (load rating is based on UL requirement of 4X (2000 lb/907 kg) overload static testing)

Assistant's Instruments			
	551sta Assistant's Standard	541sta 12 O'Clock Duo Standard	545sta 12 O'Clock Assistant's Standard
Air/water syringe	Quick-disconnect (QD) syringe optional: warm water QD syringe	QD syringe optional: warm water QD syringe	QD syringe optional: warm water QD syringe
User interface	CP5	CP5	CP5
Vacuum instruments	1 x saliva ejector (SE) 1 x high volume evacuation (HVE) optional: second HVE	1 x saliva ejector (SE) 1 x high volume evacuation (HVE) optional: second HVE	1 x saliva ejector (SE) 1 x high volume evacuation (HVE) optional: second HVE
Vacuum tubing	EasyFlex™	EasyFlex	EasyFlex
Positioning	Horizontal adjustment optional: Horizontal and vertical adjustments	Manual vertical adjustment	Manual vertical adjustment
Mount location	Chair mount	Cabinet or floor mount	Cabinet or floor mount

Delivery Systems

	500 Radius		500 12 O'Clock	
Models	A-dec 532pro Traditional A-dec 533pro Continental	A-dec 532 Traditional A-dec 533 Continental	A-dec 541pro 12 o'clock duo	A-dec 541 12 o'clock duo
	Pro	Standard	Pro	Standard
A-dec + connectivity	Yes	No	Yes	No
Software updatable	Yes	No	Yes	No
Multi-User	Yes	No	Yes	No
Remote diagnostics	Yes	No	Yes	No
Messaging App	Yes	No	Yes	No
Control pad	DS7	Deluxe Plus	DS7	Deluxe Plus
Time display	Yes	No	Yes	No
Timed flush	Yes	No	Yes	No
Vaporizer	Yes	No	Yes	No
Intraoral light source	Quad-volt	Quad-volt	Quad-volt	Quad-volt
Handpiece holder positions	Traditional and Continental - 5 + syringe	Traditional and Continental - 5 + syringe	Traditional - 5 + syringe	Traditional - 4 + syringe
Arm system	Positive positioning, balanced flexarm with air brake	Positive positioning, balanced flexarm with air brake	Manual height adjustment	Manual height adjustment
Mount options	A-dec 511	A-dec 511	Preference Collection®, A-dec Inspire®, stand-alone	Preference Collection, A-dec Inspire, stand-alone
Left/right conversion	Yes	Yes	Yes	Yes
Integration	15' (4.5 m) USB 2.0 cable / up to 6 control modules optional: USB redriver and powered USB hub	15' (4.5 m) USB 2.0 cable / up to 6 control modules optional: USB redriver and powered USB hub	15' (4.5 m) USB 2.0 cable / up to 5 control modules optional: USB redriver and powered USB hub	15' (4.5 m) USB 2.0 cable / up to 5 control modules optional: USB redriver and powered USB hub

A-dec Chair Occupancy Sensor Kit

Order number	90.2150.00	
	Sensor, cover, fasteners, and connection cable	

Reliable Creative Solutions

FOR DENTAL PROFESSIONALS WORLDWIDE



MORE THAN A WARRANTY. IT'S A COMMITMENT.

At A-dec, our focus is on making dentistry better—which includes superior customer service along with superior dental products.

Your A-dec operatory equipment is backed by a ten-year warranty, and a lifetime of customer support. We'll be here today, tomorrow, and well into the future. That's our commitment to you.

For complete details, including exclusions, visit: a-dec.com/legal/warranty

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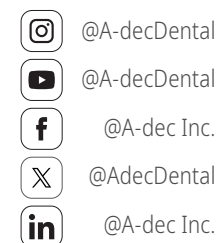
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Manage remotely via the
A-dec+ mobile app

Download the A-dec+ app on the App Store or Google Play, and register A-dec equipment through your Apple® or Android™ device.

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