

# A-dec® 500

## Chair and Delivery System





# 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

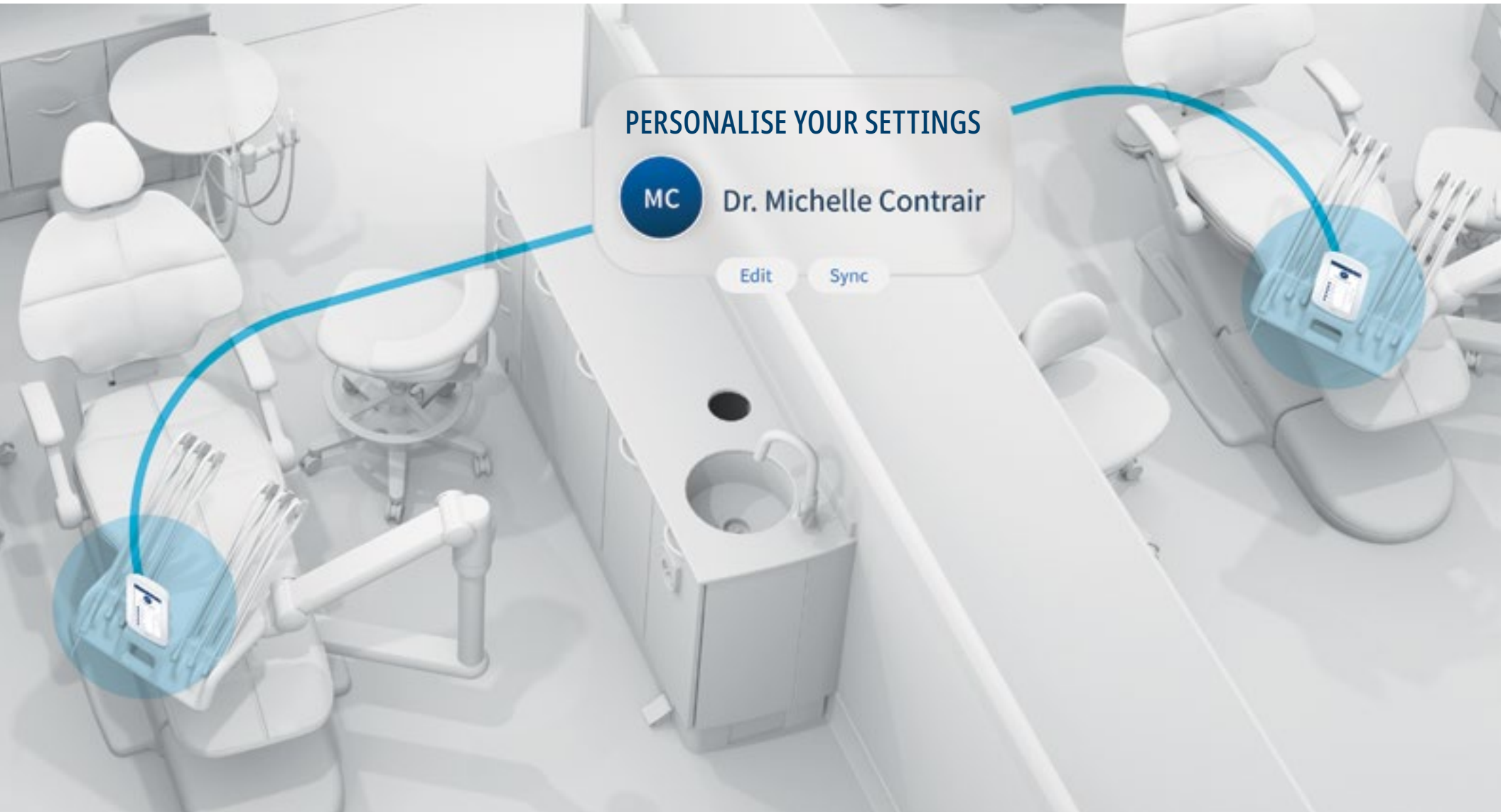
## *Forward-thinking design.*

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



## 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](https://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



*A-dec 500 Pro shown with  
integrated implantology*

## 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.

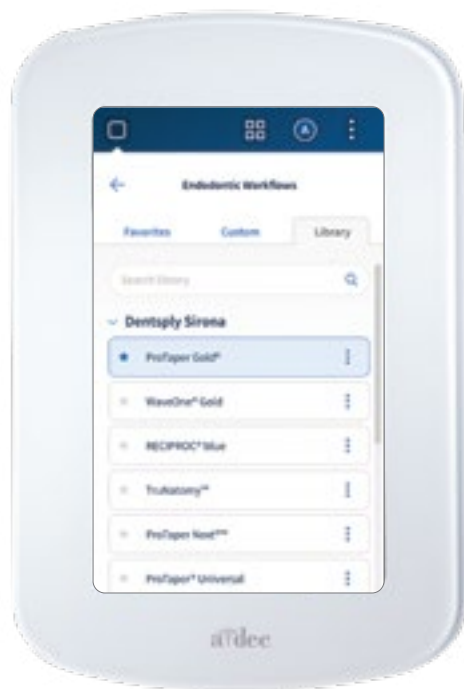
Adding endodontics to your treatment options provides a more comprehensive approach to your patients' oral health, and allows you to grow your practice with one intuitive, integrated solution—without expanding your footprint.

**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.

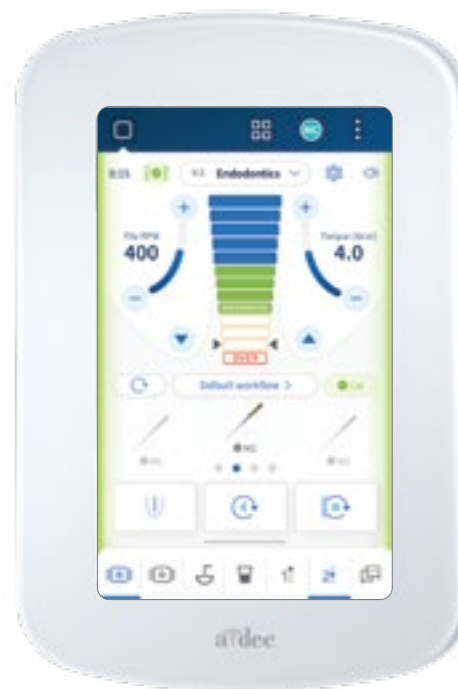
**PRECISION WORKFLOW** Gain the unmatched advantage of Dentsply Sirona's trusted WaveOne® and Reciproc® file technologies, seamlessly integrated into your daily workflow.

**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.

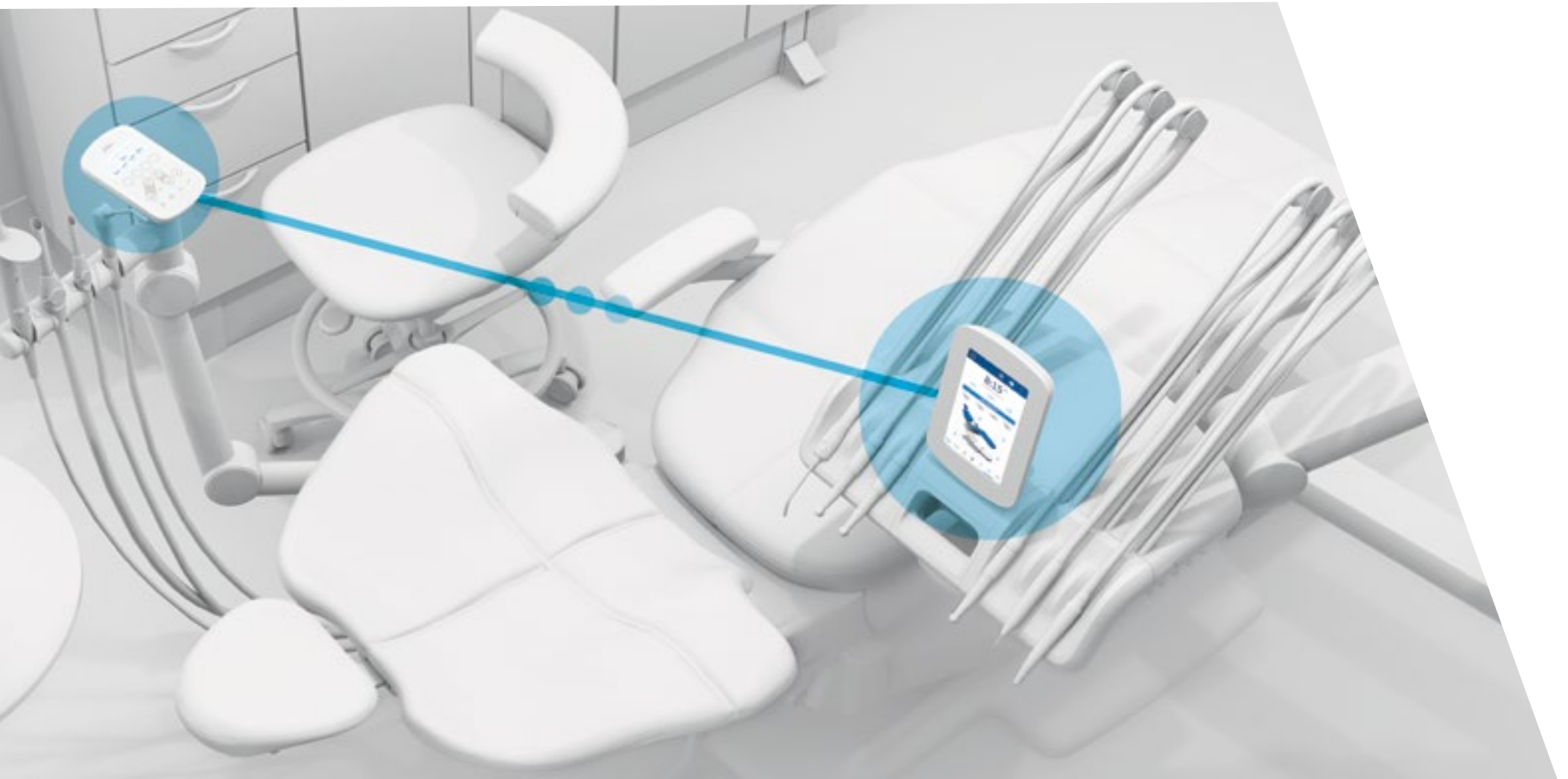
# TAKE A TOUR ▶



### 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**

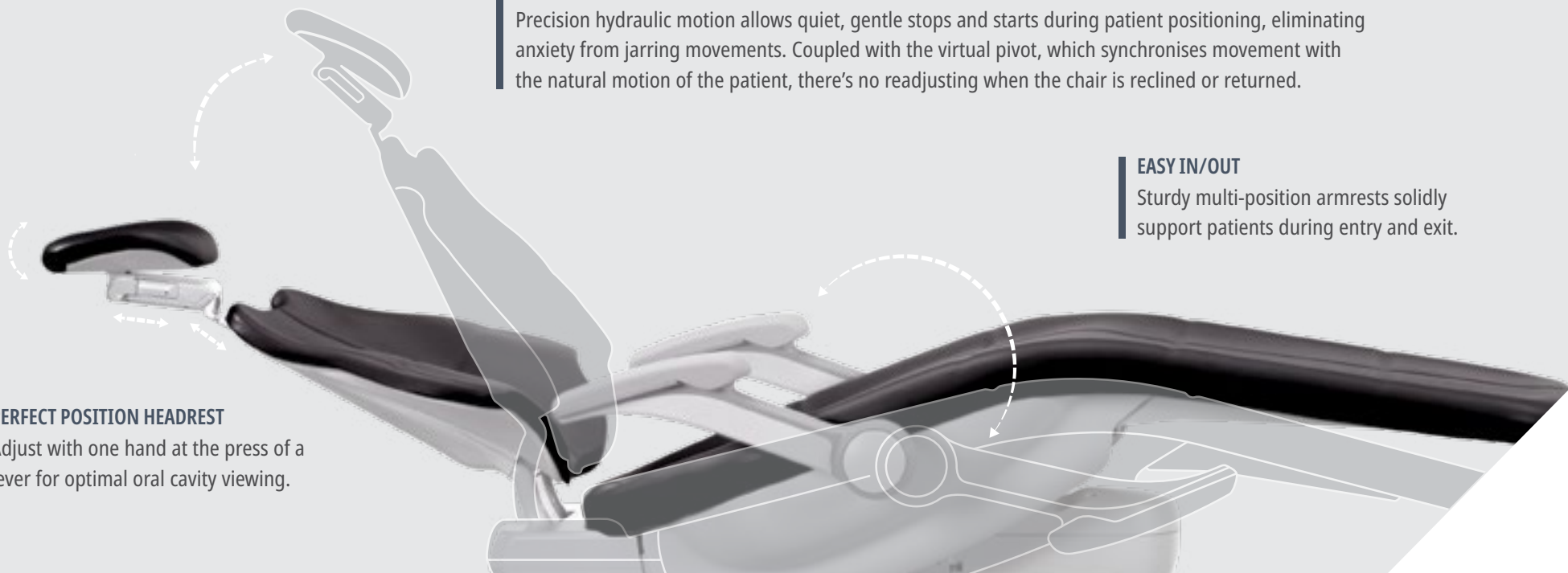
Precision hydraulic motion allows quiet, gentle stops and starts during patient positioning, eliminating anxiety from jarring movements. Coupled with the virtual pivot, which synchronises movement with the natural motion of the patient, there's no readjusting when the chair is reclined or returned.

### **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

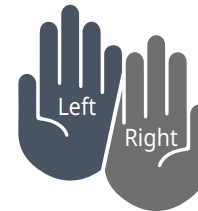
Solid structure reduces movement-related vibrations for you and your patient.



Accommodates  
a wide range of  
patient sizes



Weight capacity up to  
500 pounds (227 kg)



Centrally located ambidextrous delivery  
system handle and touchscreen



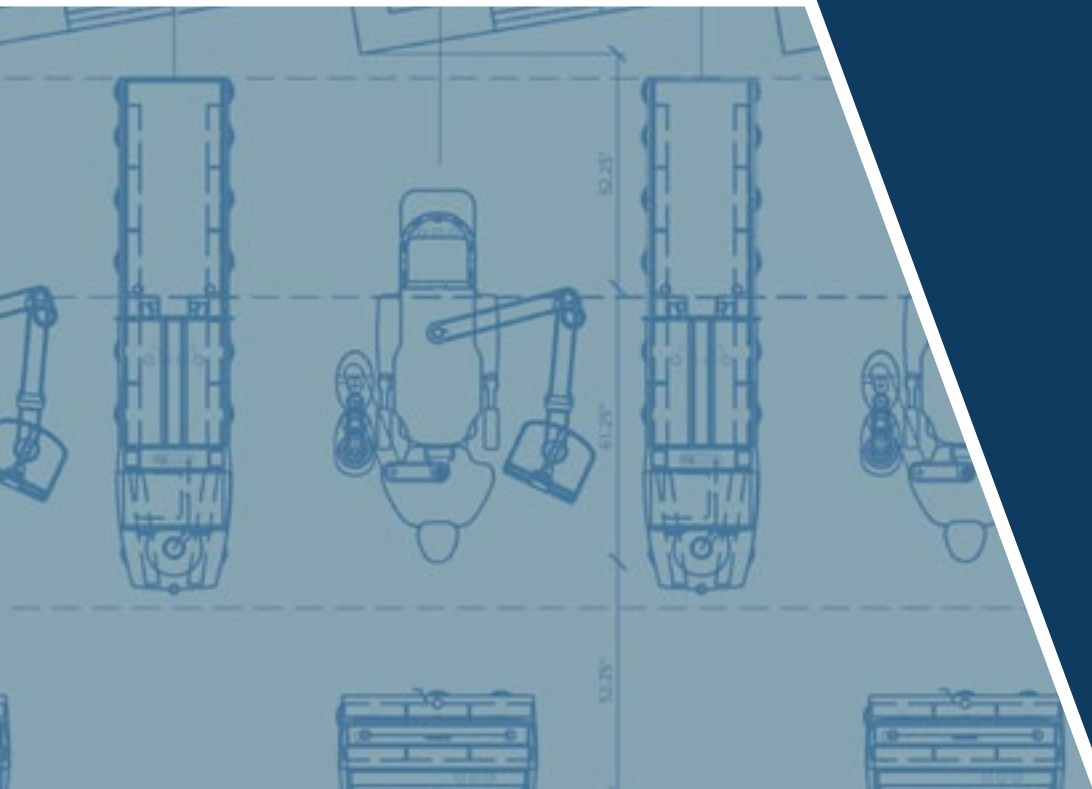


[06]

# 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.



Integrated implantology—back

**12 O'CLOCK: All-inclusive surgical**

A-dec 541pro 12 o'clock delivery, IV armboard, integrated implantology, A-dec S76 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



Disc foot control

### ▲ Foot Controls



Surgical light

### ▲ Dental Lights



Integrated  
implantology—back



Integrated  
implantology—front

### ▲ Surgical Options

# YOUR COLOUR, YOUR WAY



Sewn upholstery

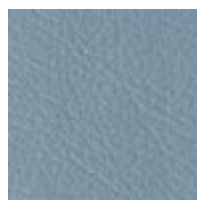


Formed upholstery

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



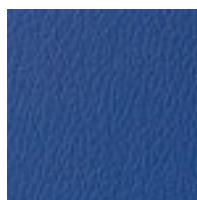
sky



riviera



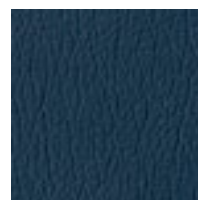
st. john



pacific



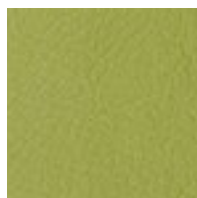
bayou



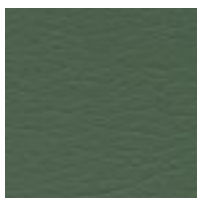
diplomat blue



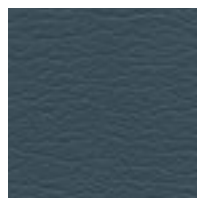
cyan



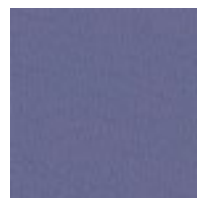
parrot



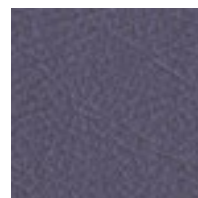
arugula



poseidon



lapis



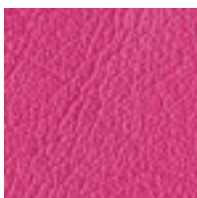
plum



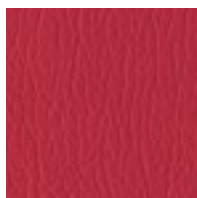
sassy



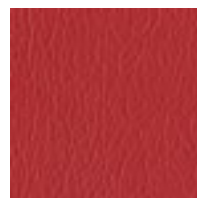
apricot



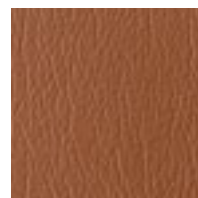
fuchsia



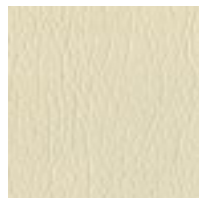
vivid punch



red



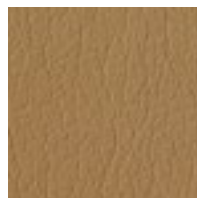
curry



almond



chamois



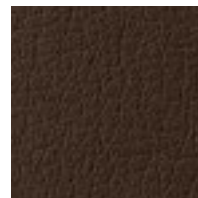
pecan



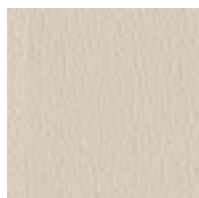
papyrus



sable



cave



arctic



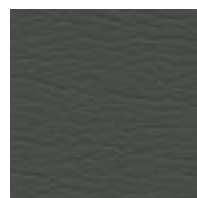
timberwolf



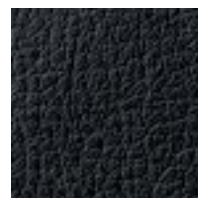
granite



charcoal

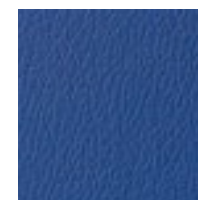


schooner



ebony

Formed colours in Dauphine



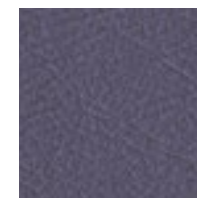
sky blue



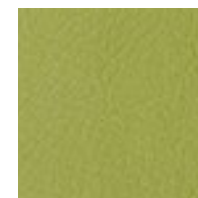
indigo



sapphire



amethyst



lemongrass



hazelnut



driftwood



tawny



carbon



black



Find your perfect colour and order samples. [a-dec.com/colour](https://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)<br>1 x high volume evacuation (HVE)   optional: second HVE | 1 x saliva ejector (SE)<br>1 x high volume evacuation (HVE)   optional: second HVE | 1 x saliva ejector (SE)<br>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<br>optional: USB redriver and powered USB hub | 15' (4.5 m) USB 2.0 cable / up to 6 control modules<br>optional: USB redriver and powered USB hub | 15' (4.5 m) USB 2.0 cable / up to 5 control modules<br>optional: USB redriver and powered USB hub | 15' (4.5 m) USB 2.0 cable / up to 5 control modules<br>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](https://a-dec.com/legal/warranty)

Any colours and products shown may vary and are subject to change without notice. Contact your authorised A-dec dealer for the most current product information. All trademarks in this document are subject to the trademark rights of A-dec, its affiliates, and their collective suppliers in the United States and foreign countries.

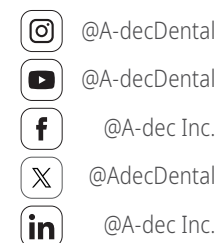
©2026 A-dec Inc. All rights reserved. 85.1053.25/BB/1825M/02-26/RevC



**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.

**[a-dec.com/plus](https://a-dec.com/plus)**



## A-dec Headquarters

2601 Crestview Drive  
Newberg, Oregon 97132 USA

**P:** 1.800.547.1883 within USA/CAN  
**P:** +1.503.538.7478 outside USA/CAN  
**[a-dec.com](https://a-dec.com)**

## A-dec Australia

**P:** 1.800.225.010 within AUS  
**P:** +61.(0)2.8332.4000 outside AUS

## A-dec United Kingdom

**P:** 0800.233285 within UK  
**P:** +44.(0).24.7635.0901 outside UK

