

# A-dec 500

Uncommon innovation. Pure solution.





# At what point do you tell yourself you deserve the best?

You deserve the best. So does your staff and your patients. A-dec 500 combines premium patient comfort, unsurpassed operator access, and full integration into one innovative system. And now A-dec 500 is available in a new white/gray color palette to accommodate an array of interior design themes.

At A-dec, we're dedicated to you and the success of your practice. We worked with doctors from around the world to develop our A-dec 500 system resulting in reliable, sophisticated operatory solutions with exceptional functionality. A quality system designed to help you perform healthier, more efficient dentistry.

A-dec 500. An investment in your health and your future.



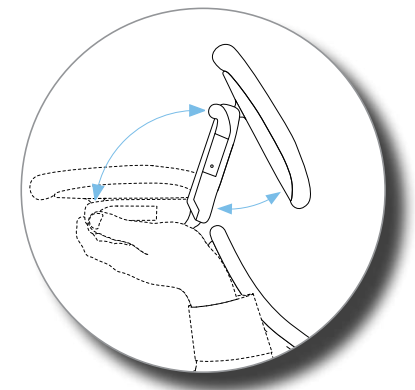


# Invest in your health

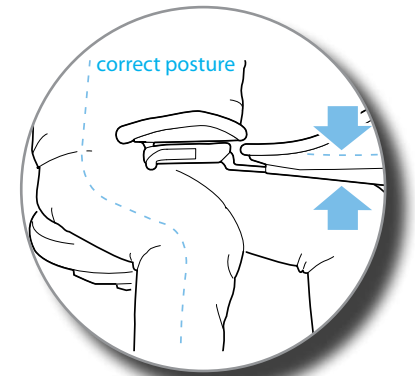
With A-dec 500 you get comfortable access to your patients and your instruments every time you sit down to perform a procedure.

The A-dec 500 chair makes it easy to position yourself directly under the patient, so you're able to maintain a healthy posture during a procedure. Designed with an ultra-thin backrest and a slim-profile headrest, it allows you to get closer to the patient than ever before. And, with a backrest that "flexes," you can comfortably tuck your knees under the chair—no hard metal back to worry about.

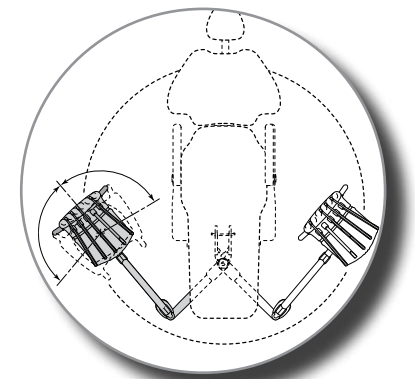
Add an A-dec 500 delivery system and now your instruments are right where you need them. No reaching or twisting. Just comfort and efficiency. A-dec 500 offers a complete dental equipment solution designed to protect your health so you can continue to perform dentistry for years to come.



*Thanks to the innovative design of the sliding headrest, you'll never have to say, "Open wide!" again. Make adjustments quickly and easily with one hand.*



*The ultra-thin backrest enables you to work in a comfortable position—legs under the patient, elbows at your side, which results in less strain and fatigue.*



*A-dec 500 provides you with advanced instrument positioning by combining a rotating arm and a pivoting, centrally mounted control head with extended tubing reach.*

# Take advantage of full integration

The A-dec 500 delivery system easily integrates ancillary devices that once required separate boxes, additional wiring, and cumbersome tubing. Now you can integrate an intraoral camera, two electric motors, scaler, and curing light—all at the same time, reducing clutter.

**Focus on your work.** Expand functionality even further with the deluxe touchpad. Besides one-touch control of the chair, dental light, and cuspidor functions, you can also control your handpieces, integrated accessories, and other electrical devices. And, combined with the foot control, you can easily control your handpieces and ancillaries—like your A-dec intraoral camera, giving you more freedom to focus on the procedure.

**Stay a step ahead.** The delivery system's sophisticated platform not only integrates all the technology you need now, it's easily upgradable and designed to accommodate future technology.







## Increase productivity

Reach everything you need with minimal movement when you combine the A-dec 500 12 o'clock delivery system with Preference Collection® furniture.

**A-dec 500 12 o'clock delivery system.** This cabinet-mounted delivery solution at the 12 o'clock position allows you to integrate all the dynamic instruments you need while keeping instrumentation out of the direct view of patients. For improved positioning, the instruments move independently of the worksurface and include six pivot points.

**Preference Collection 5580 treatment console.** The 5580 storage options bring equipment within arms' reach of you and your assistant. Everything is at your fingertips. And, with pass-through storage options, you get a treatment console that creates a natural flow of materials into and out of the dental operatory.

*The Preference Collection 5580 Treatment Console and the A-dec 500 Duo Delivery System provide access to everything you and your assistant need to work efficiently.*

# Streamline workflow

Accommodating your assistant is key since most procedures start and stop with the assistant. With A-dec 500 assistant's instrumentation at 12 o'clock, they can comfortably access everything they need.

**A-dec 500 12 o'clock assistant's instrumentation.** Four pivot points and a round, height-adjustable worksurface add up to an exceptional range of motion and practically unlimited positioning for instruments and integrated accessories. The result? Better ergonomics and efficiency.

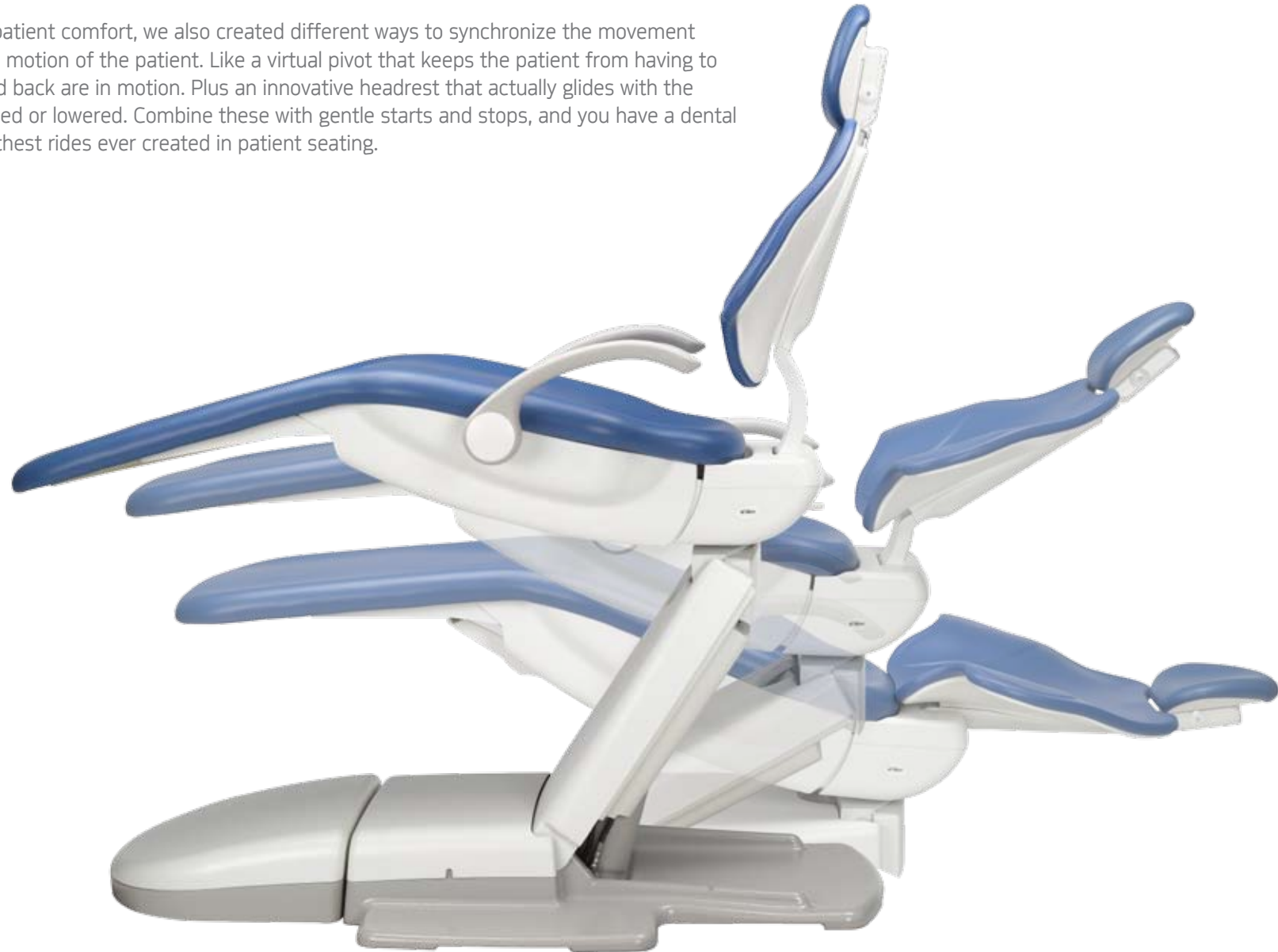
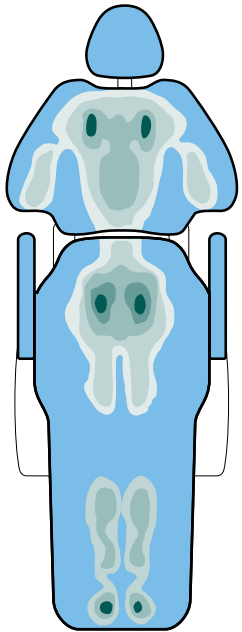


*The round, pivoting worksurface with instrumentation that rotates around the surface provides better positioning than any other cabinet-mounted system available today.*

# Pamper your patients

Thick upholstery, while comfortable for patients, compromises your ability to access the oral cavity. Now, thanks to the science of pressure mapping, you get superior access *and* your patient gets pampered. With pressure mapping, we were able to map-out key areas on the chair that required a more supportive shape. Even with a thickness less than 1" (25 mm) in some areas, the cushioning provides comfortable support across the patient's entire body.

Since motion is just as critical to patient comfort, we also created different ways to synchronize the movement of the chair with the anatomy and motion of the patient. Like a virtual pivot that keeps the patient from having to "readjust" when the chair seat and back are in motion. Plus an innovative headrest that actually glides with the patient while the chair back is raised or lowered. Combine these with gentle starts and stops, and you have a dental chair that offers one of the smoothest rides ever created in patient seating.



*Through pressure mapping, A-dec engineers reduced pressure points and streamlined support across the entire chair, which creates a more comfortable experience for your patients.*



Available for 0.7-liter and 2-liter bottles, ICX waterline treatment tablets come in convenient single-dispensing packets-so there's no measuring, mixing, or messy solutions to cleanup.

# Get a total waterline maintenance solution

A-dec offers everything you need for worry-free waterline maintenance:

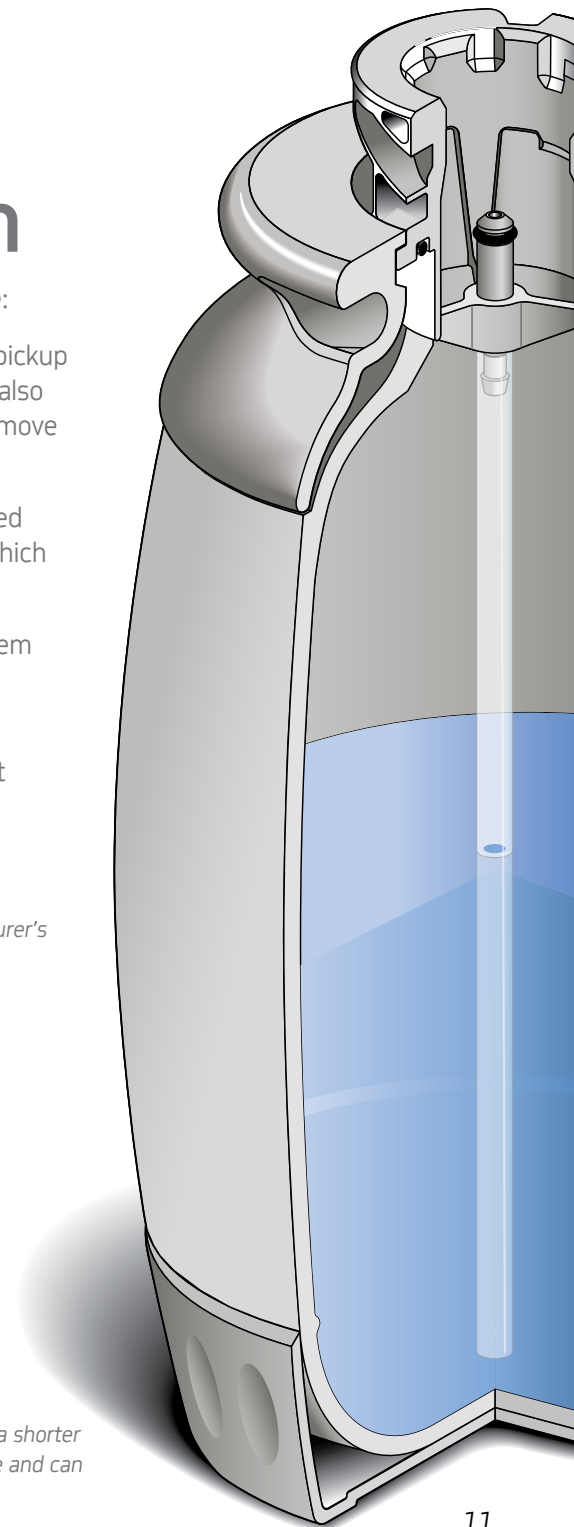
**2-Liter Water Bottle.** The water bottle design includes an integrated pickup tube, which helps reduce the risk of cross-contamination. The bottle also includes a quick-disconnect fitting that makes the bottle easier to remove and replace.

**A-dec ICX®.** When you add one tablet of ICX to an empty self-contained water bottle before each filling, it releases ingredients in the water, which help prevent the buildup of deposits and contaminants.\*

**A-dec 500 delivery system control block.** The unique water flow system eliminates dead ends that can harbor stagnant water where bacteria can grow.

**Antimicrobial AlphaSan® Tubing.** Designed to offer protection against microbial colonization on the interior and exterior surfaces of the tubing. This helps control odor and foul-taste bacteria as well as tubing deterioration.

*\* As with all waterline protocols, quality results require adherence to the manufacturer's recommended process.*



*Unlike other 2-liter bottles, our bottle offers a shorter shape with a stable base that's more durable and can be filled in most dental operatory sinks.*

*Chair-mounted assistant's instrumentation available in two styles: short-arm or long-arm (shown). Both feature an integrated touchpad and single or dual holders.*

*The chair's multi-position armrests rotate out of the way to improve operator access and streamline patient entry/exit.*

*Swivel with brake allows 60° rotation (30° on each side of center).*

*Cut-away baseplate allows the operator to easily roll their stool closer to the chair for better patient access.*

## Experience A-dec 500



The A-dec 500 cuspidor is made of stain-resistant vitreous china and rotates  $\pm 90^\circ$ . Includes timed cup fill and bowl rinse functions, both of which are programmable at the touchpad.

The delivery arm rotates around the chair to accommodate both left-handed and right-handed operators.



The self-contained water bottle can be installed on the delivery arm or inside the support center.

Tray holders are available in two different sizes and offer four mounting locations on the delivery system (top right or left, bottom right or left).



Standard or deluxe touchpad available. Both offer convenient control of chair, cuspidor, and dental light functions. The deluxe touchpad controls handpieces, integrated accessories, and other electrical devices.

# Delivery systems

Four choices for ergonomic delivery of your handpieces and ancillaries: chair-mounted Traditional and Continental; cabinet-mounted side delivery and 12 o'clock duo delivery system.



Continental delivery



Cabinet-mounted side delivery



Cabinet-mounted 12 o'clock duo delivery



Traditional delivery



Standard touchpad



Deluxe touchpad

## Touchpads

Optional touchpads control chair, light, and cuspidor functions. Deluxe touchpad accommodates multiple users and controls handpieces, electric motors, scalers, and more. Both feature intuitive, user-friendly icons.

# Assistant's instrument

Position instruments for greater efficiency with A-dec 500 assistant's instrumentation. Available in two chair-mounted styles or cabinet-mounted at 12 o'clock..



Chair-mounted, short assistant's arm



Chair-mounted, long assistant's arm

# mentation



12 o'clock assistant's instrumentation



Single 3-position holder



Single 4-position holder



Dual 2-position holder

## Assistant's holders

Assistant's arm holders rotate as a group and pivot independently, further customizing instrument positioning. Choose from single 3- or 4-position holders or dual 2-position holder.

## Dental light

Provides a balanced intensity across the light pattern for proper contrast and a clear view of tooth surfaces. Produces a neutral color temperature for color matching and tissue analysis. Three rotational axes and a proven counter-balanced flexarm give you exceptionally smooth and precise dental light positioning.



A-dec 500 light



Front-mount



Support-side

## Monitor mounts

Both monitor mounts swivel at least 360° and pivot  $\pm 30^\circ$  vertically, so you and your team have an exceptional range of motion to better position the monitor.

# Cuspidor

Made of easy-to-clean vitreous china and features swivel positioning for better patient access.

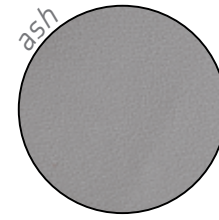


A-dec 500 cuspidor

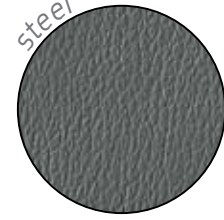


# Upholstery Choices

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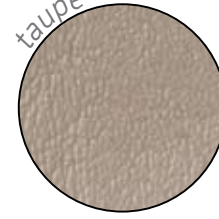
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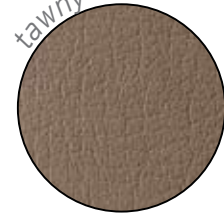
steel



black



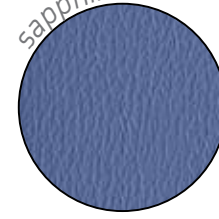
taupe



tawny



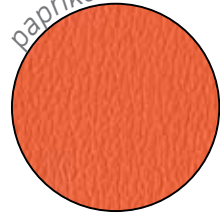
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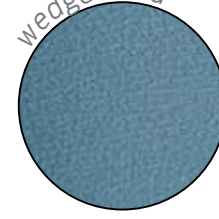
sapphire



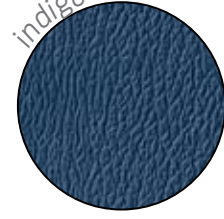
chianti



paprika



wedgewood



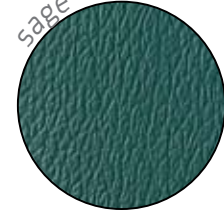
indigo



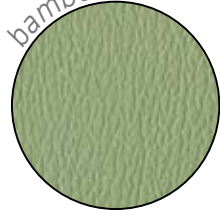
sky blue



dusty jade

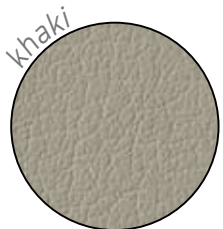
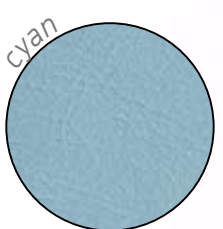
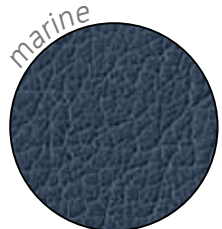
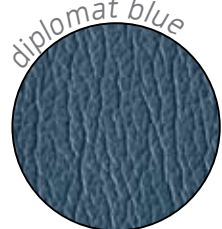
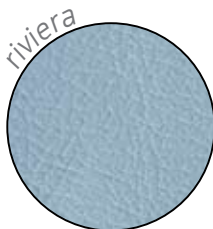
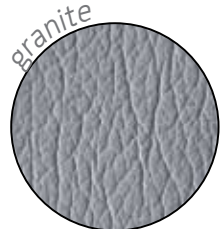
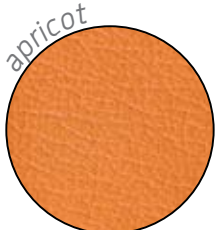
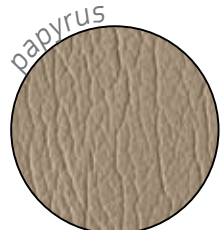
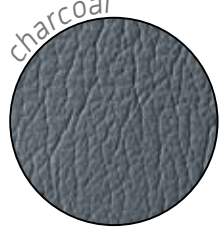
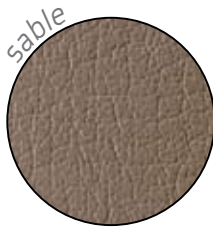


sage



bamboo

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A-dec 500 chair with sewn Ebony upholstery; Traditional delivery system with deluxe touchpad, intraoral camera, ultrasonic scaler, dual A-dec EA-51LT electric motors, and 12 o'clock assistant's instrumentation



## A complete dental operatory solution

At A-dec we offer more than chair seating that balances patient comfort and operator access. Or a delivery system with exceptional integration. We offer a complete solution. When you add A-dec Preference Collection® dental cabinetry to your operatory you get cabinetry designed to increase efficiency. Built to accommodate you and how you work.



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