

A-dec 500



a-dec®



## Legendary A-dec Reliability

You can count on A-dec equipment to work when you do.

### Innovative Engineering

Legendary A-dec reliability starts with our design philosophy—create innovative, feature-rich products without complication. The result? Easy-to-use equipment that lasts longer and requires less service.

### Built to Last

Reliable components on the inside and attention to detail on the outside. With A-dec 500 you get equipment that looks beautiful and works consistently. Day after day. Year after year.



# Dental Team Comfort

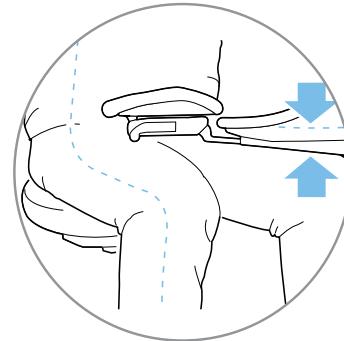
For quality of life, productivity, and career longevity, comfort while you perform your work is essential.

## Comfortable Access

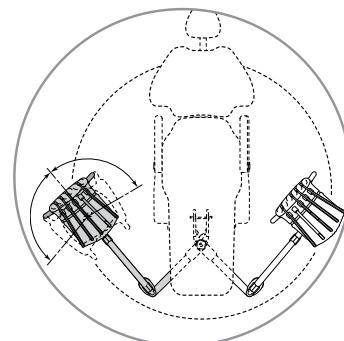
Designed with an ultra-thin backrest, a slim-profile headrest, and a low base down point, the A-dec 500 chair provides you and your dental team with ergonomic access to the oral cavity.

## Healthy Solution

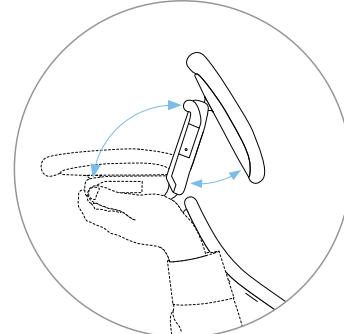
The thin backrest also “flexes” so you can comfortably tuck your knees under the chair—no hard metal back. With your legs under the patient, elbows at your sides, you stay healthy and work more effectively.



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



*Position your instruments for optimal comfort thanks to a rotating arm, pivoting control head, and extended tubing reach.*



*The sliding headrest allows you to make adjustments quickly and easily with one hand.*



## Patient Comfort

Your patients will feel like the A-dec 500 chair was designed just for them.

### The Science of Comfort

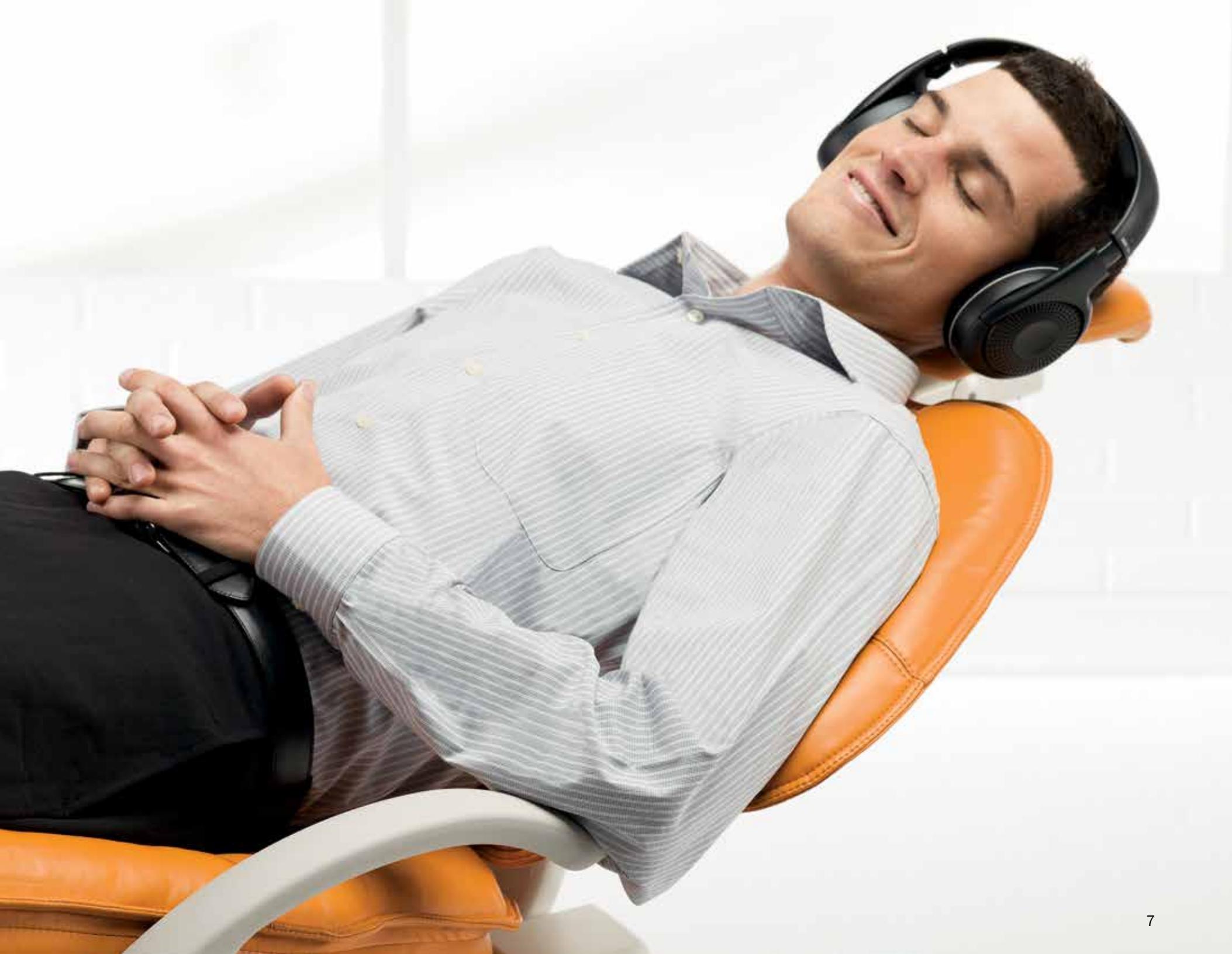
Get superior patient comfort without thick upholstery. The science of pressure mapping provides comfortable cushioning for your patient without sacrificing access to the oral cavity.

For added comfort, the virtual pivot keeps the patient from having to readjust when the chair seat and back are in motion.

### Relaxed Patient Experience

When your patients feel comfortable, anxiety is reduced. They feel more at ease, creating a calming, more relaxed patient experience.





## A-dec 500 Delivery System: Powerful and Sophisticated

Expansive integration. Unsurpassed ergonomics. A-dec 500 delivery systems provide you with internal integration of all your instruments and ancillaries so you can work efficiently and comfortably.

### What you get:

- Standard 4-position control block
- Control head accommodates four integrated ancillaries
- Choice of Continental or Traditional system with pivoting chair mount for easy left/right conversion
- Continental whips with side-to-side movement
- Traditional system with independently adjustable handpiece holders
- Two control brake handles (each side of delivery head)
- Wet/dry foot control with chip blower/accessory button
- Standard quad-voltage intraoral light source with independent adjustment settings for four positions
- Self-contained water bottle with an integrated pickup tube that helps reduce the risk of cross-contamination
- Balanced flexarm with air brake
- Choice of standard or deluxe touchpad



# A-dec 500

## A-dec 300 Delivery System: Compact and Versatile

Small and easy to maneuver. The A-dec 300 Radius®-style delivery system on the A-dec 500 chair is an ideal solution for premium chair comfort and versatile integration in a compact system.

### **What you get:**

- Standard 3-position control block or optional 4-position
- Control head accommodates two integrated ancillaries
- Choice of Continental or Traditional Radius-style system with left/right conversion
- Continental whips — no side-to-side movement
- Traditional system with fixed-position handpiece holders
- One brake handle standard, optional second handle
- Wet/dry foot control
- Optional quad-voltage intraoral light source with independent adjustment settings for four positions
- Self-contained water bottle with an integrated pickup tube that helps reduce the risk of cross-contamination
- Balanced flexarm with air brake
- Choice of standard or deluxe touchpad



A-dec 300

## Technology Integration

With handpieces and ancillary devices integrated into your delivery system, equipment is right where you need it for increased efficiency and reduced fatigue.

Plus, operatory clutter is reduced. Countertops are clear. No more separate boxes, additional wiring, or cumbersome tubing.

### Upgradable

The sophisticated platform integrates the technology you need now plus future technology.

### Fingertip Control

Expand functionality even further with the A-dec deluxe touchpad. It conveniently controls your handpieces and integrated ancillaries.





**A-dec 500 Deluxe Touchpad.** Control all your equipment including intraoral camera, ultrasonic instrument, curing light, and up to two electric motors.

Endodontic features include programmable speed and torque settings, auto-sensing with auto-forward, auto-stop, and auto-reverse. (shown)

**A-dec 300 Deluxe Touchpad.** Besides a syringe and handpieces, you can control up to two accessories (including two electric motors). Endodontic capabilities require an A-dec EA-52LED electric motor.

## Increased Productivity

Besides chair-mounted delivery solutions, we also offer cabinet-mounted systems. Quickly access 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

Get the flexibility to place your instruments precisely where you want them, while keeping them out of your patients' direct view.

### Preference Collection 5580 Treatment Console

The 5580 storage options bring equipment and supplies within arms' reach. This eliminates the need for you or your assistant to get up during procedures.



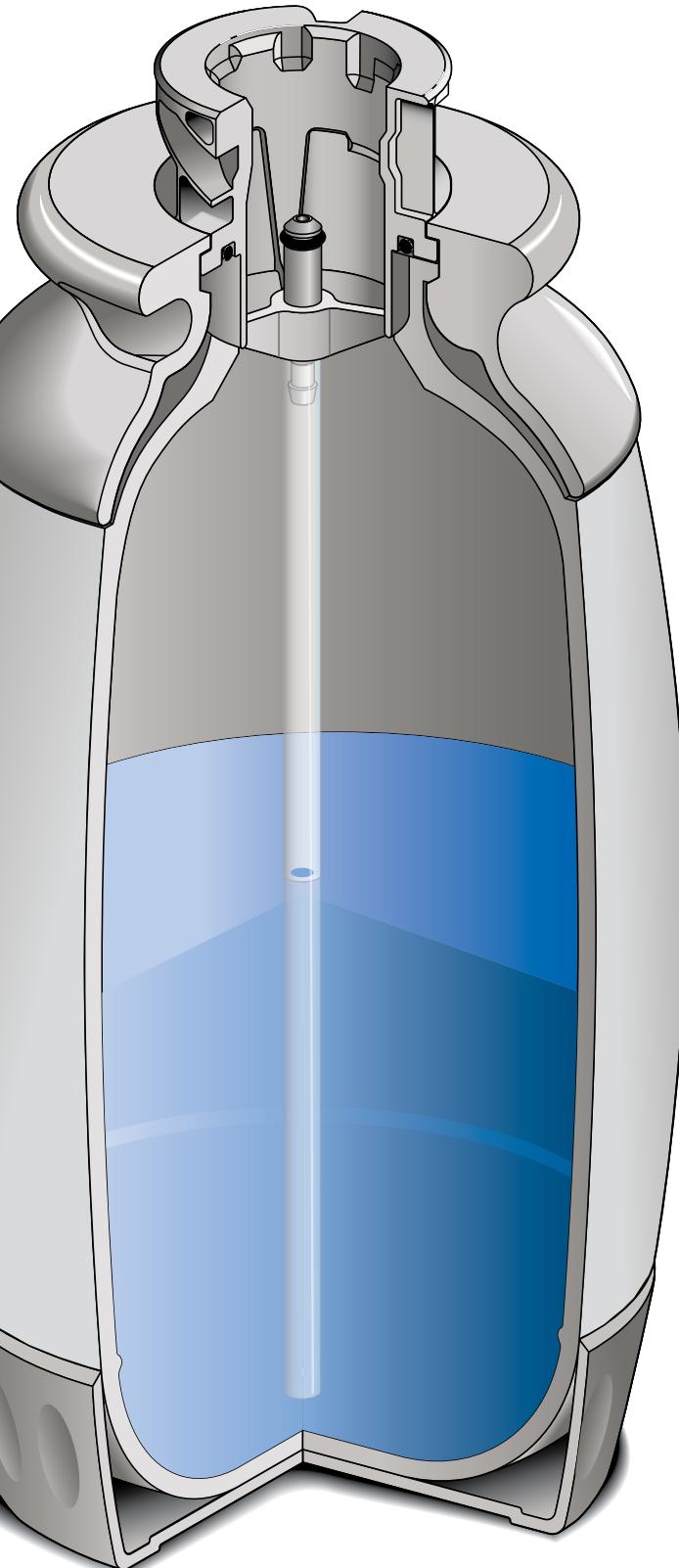
## Ergonomic and Efficient

Accommodating your assistant is key since most procedures start and stop here.

### A-dec 500 12 O'Clock Assistant's Instrumentation

With so many positioning options, assistants can adjust their instruments for maximum comfort and increased efficiency. Instrumentation rotates around the pivoting, height-adjustable worksurface. Holders independently adjust with four vertical pivot points.





## Total Waterline Maintenance Solution

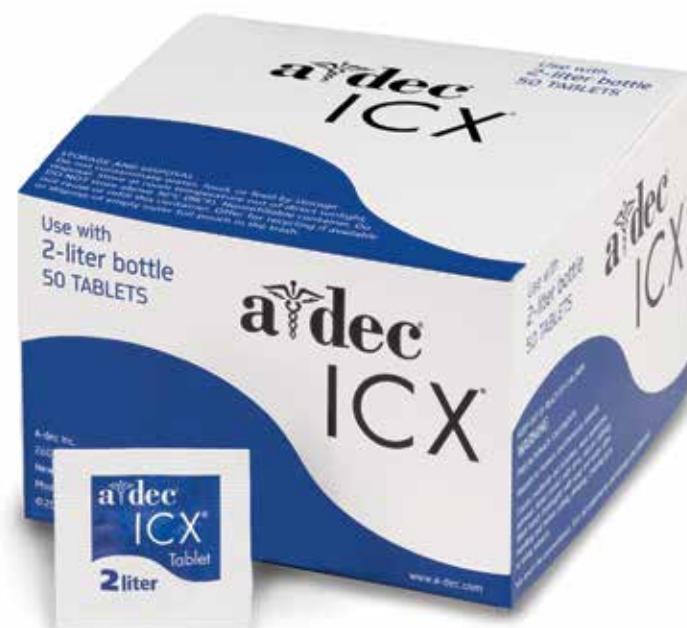
A-dec offers everything you need for worry-free waterline maintenance:

### 2-liter Water Bottle

The water bottle design includes an integrated pickup tube, which reduces the risk of cross-contamination. The quick-disconnect fitting makes the bottle easier to remove and replace.

### A-dec ICX® Waterline Treatment Tablets

No measuring, mixing, or mess. The ICX tablet releases ingredients into the water to maintain dental unit waterlines and prevent accumulation of odor and foul taste bacteria.\*



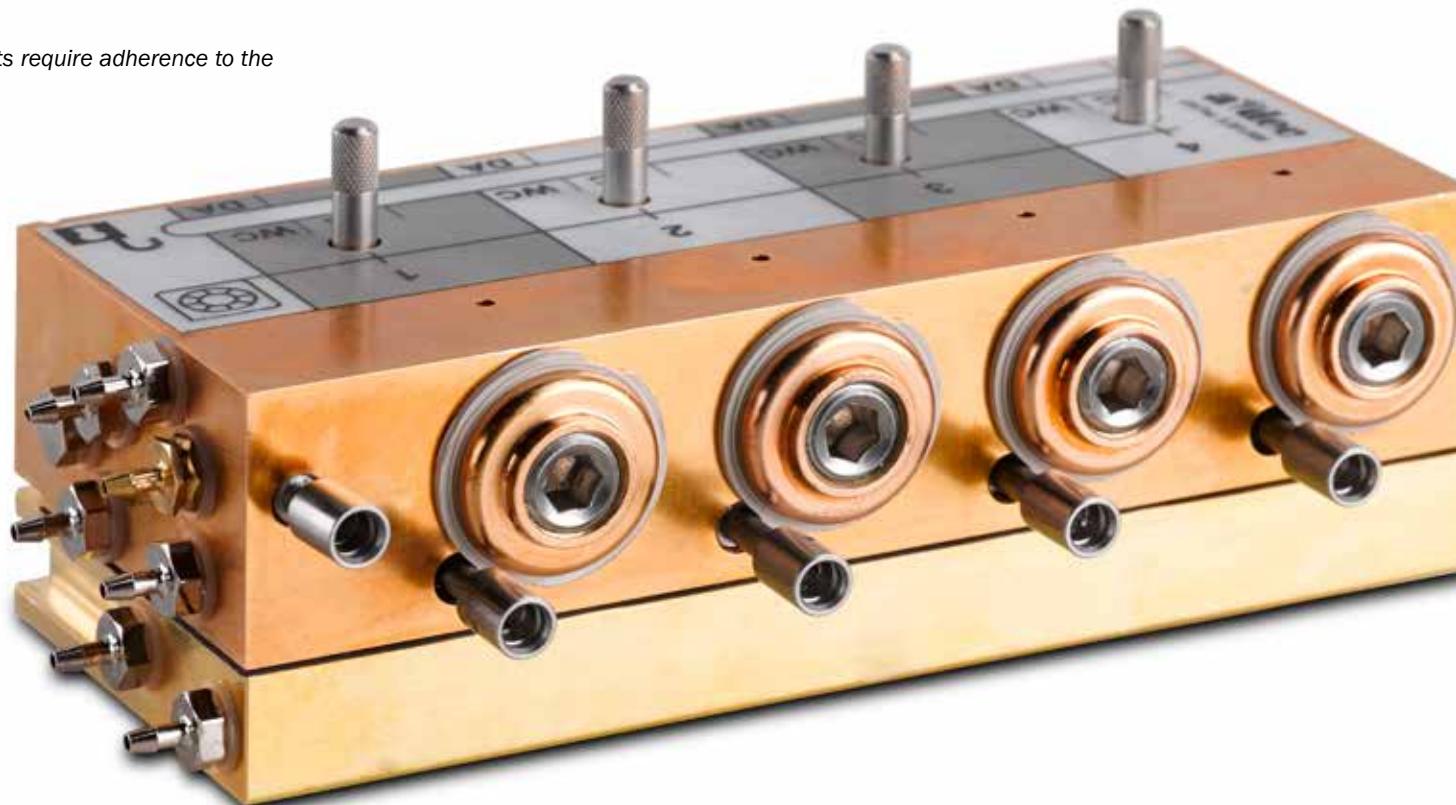
## A-dec 500 Delivery System Control Block

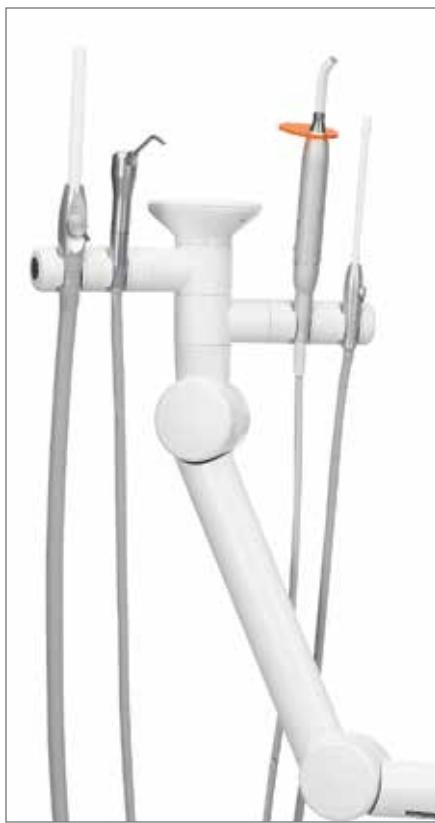
The unique water-flow system eliminates dead ends that can harbor stagnant water where bacteria can grow.

## Antimicrobial AlphaSan® Tubing

This tubing offers protection against microbial colonization on the interior and exterior surfaces. This helps control odor, foul-taste bacteria, and tubing deterioration.

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





# A-dec 500 Options

## **Delivery Systems**

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

## **Dental Light**

Whether your choice is A-dec LED or A-dec halogen, get balanced intensity and a uniform light pattern without unwanted shadows. When paired with A-dec 300 or A-dec 500 systems, your A-dec light automatically powers on when the chair reclines, and turns off when the chair moves to the entry/exit position.

## **Chair-Mounted Assistant's Instrumentation**

Available in short-arm and long-arm styles with integrated touchpad. Choice of single 3- or 4-position holder or dual 2-position holder.

## **Monitor Mount**

The support-side monitor mount swivels 430° and pivots 0°-85° to accommodate viewing from the seated and supine positions.

## **Cuspidor**

Made of stain-resistant vitreous china. Rotates ±90° for better patient access. The timed cup fill and bowl rinse functions are programmable at the touchpad.

## A-dec 300 Options

Combine the A-dec 500 dental chair with an A-dec 300 Radius-style delivery system and dental light.

### **Delivery Systems**

The Continental and Traditional delivery systems rotate around the chair for simplified left/right conversion.

### **A-dec LED Dental Light**

Flood the oral cavity with light for improved vision. With the A-dec LED light, you gain three brightness levels of neutral white light plus a cure-safe mode. Its three axes positioning and 540° of horizontal rotation ensure unparalleled ergonomics.

### **A-dec Monitor Mount**

The A-dec Radius-style monitor mount is an additional option for the A-dec 500 chair. Monitor arm rotates and tilts to accommodate multiple viewing angles.





## Seamless Upholstery



Order Your Samples at [a-dec.com/InspireMe](http://a-dec.com/InspireMe)



## Sewn Upholstery



See your authorized A-dec dealer for accurate color samples and the most current product information.



# Specifications

## A-dec 511 Dental Chair

Range of lift height	13.5" to 31.5" (342.90 mm to 800.10 mm)
Recline range	+62° to -12°
Total length at maximum extension	72" (1828.80 mm)
Ultra-thin backrest	1" (25.40 mm)
Chair swivel	60° (30° each side of center)
Right to left convertible	Yes
Flexible backrest	Yes
Double articulating headrest	Yes
Integrated 300-watt power supply	Yes
Fingertip or foot control	Both
Hydraulic lift system	Yes
Upholstery options	Sewn or seamless
Delivery system compatibility	A-dec 500 Continental, A-dec 500 Traditional, A-dec 500 12 o'clock duo, A-dec 500 side, A-dec 300 Radius-style Traditional, A-dec 300 Radius-style Continental



## Dental Lights

	<b>A-dec LED Light</b> LED 3-Axis	<b>A-dec 500/6300 Light</b> Halogen 3-Axis
Rotational axes	Horizontal, vertical, diagonal	Horizontal, vertical, diagonal
Color temperature	5,000K	5,000K
Light pattern	3.8"x 5.7" at 27.6" focal distance (95 mm x 145 mm at 700 mm)	3.3" x 6.3" at 27.6" focal distance (85 mm x 160 mm at 700 mm)
Light intensity	Low: 15,000 lux (1394 fc) Medium: 25,000 lux (2323 fc) High: 30,000 lux (2787 fc) Cure-safe Illumination: 25,000 lux (2323 fc) yellow light	Composite: 8,000 lux (743 fc) Medium: 20,000 lux (1858 fc) High: 24,000 lux (2230 fc)
BTUs per hour	24	325
Power Consumption	15W	95W
Auto On/Off	Yes	Yes
Mode Selection	Yes	Yes
Remote Touchpad	Yes	Yes
Local Control	Yes	Yes

### Delivery Systems

	<b>A-dec 533 Continental, A-dec 532 Traditional</b>	<b>A-dec 333 Continental, A-dec 332 Traditional (Radius-style)</b>	<b>A-dec 541 12 o'clock duo</b>	<b>A-dec 542 side</b>
Control block	4-position	Standard 3-position, optional 4-position	4-position	4-position
Left/right conversion	Yes	Yes	Yes	No
Handpiece holder positions	4	4	4	4
Brake handle(s)	2 (each side of delivery head)	1 standard, 2nd optional	N/A	1
Deluxe touchpad available	Yes	Yes	Yes	Yes
Quad-voltage intraoral light source	Standard	Optional	Standard	Standard
Foot control	Wet/dry with chip blower	Wet/dry	Wet/dry with chip blower	Wet/dry with chip blower
Balanced flexarm with air brake	Yes	Yes	N/A	Yes

### Monitor Mounts

	<b>A-dec 561 (support-side)</b>	<b>A-dec Radius-style</b>
Maximum flat-panel monitor size	19" (482.60 mm)	19" (482.60 mm)
Monitor arm rotation	430°	340°
Monitor mount tilt	0°-85°	±45°



A-dec 500 chair with Black seamless upholstery; A-dec 500 Continental delivery system with A-dec 500 deluxe touchpad; A-dec 500 12 o'clock assistant's instrumentation with single 3-position holder; A-dec LED ceiling-mount dental light.



A-dec 500 chair with Poppy sewn upholstery; A-dec 500 Traditional delivery system with A-dec 500 deluxe touchpad; A-dec 500 long-arm assistant's instrumentation with single 3-position holder; A-dec 500 12 o'clock worksurface; A-dec 500 dental light.



A-dec 500 chair with Sable sewn upholstery; A-dec 300 Traditional Radius-style delivery system with A-dec 300 deluxe touchpad; A-dec 500 12 o'clock assistant's instrumentation with single 3-position holder; A-dec LED Radius-style dental light.



A-dec 500 chair with Riviera sewn upholstery; A-dec 500 12 o'clock duo delivery system with A-dec 500 deluxe touchpad; A-dec 6300 ceiling-mount dental light.

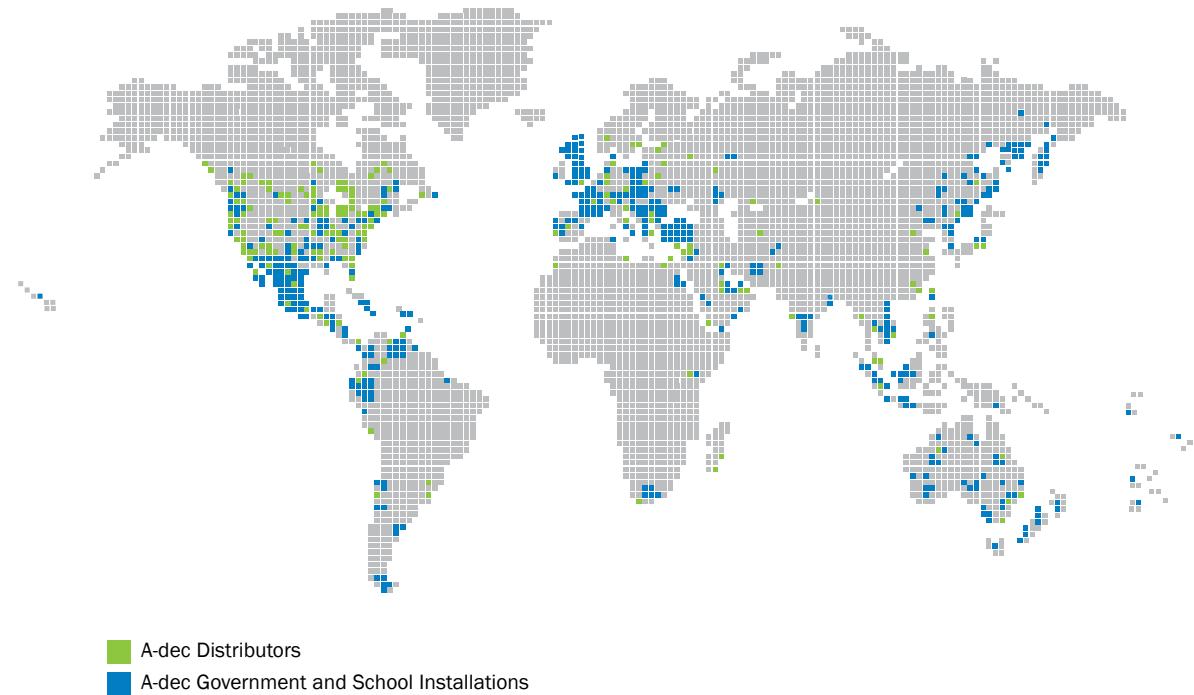
# A Partner for Success

A-dec is the world's leading manufacturer of dental chairs, delivery systems, and dental lights.

We are a privately-owned company where design and business decisions are made without a single compromise to long-term success or creative solutions.

That's one of the reasons why schools and governments around the world choose A-dec equipment.

So wherever you are, we're ready to partner in your success. Aside from our U.S. headquarters in Newberg, Oregon, A-dec has an extensive network of authorized dealers in more than 100 countries worldwide.



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