



INSTRUCTIONS FOR USE

A-dec 561 Cuspidor



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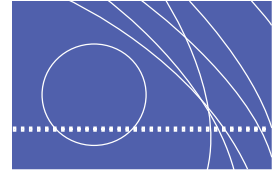
## Regulatory Information

Regulatory information mandated by agency requirements is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).

## Product Service

Product service is available through your local authorized A-dec dealer. For service information, or to locate an authorized dealer, contact A-dec at 1.800.547.1883 in the USA and Canada or 1.503.538.7478 worldwide, or visit [www.a-dec.com](http://www.a-dec.com).

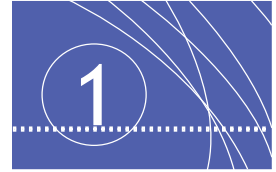
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# INTRODUCTION



Thank you for choosing A-dec equipment. This guide contains basic operating instructions, adjustments, and maintenance for the A-dec 561 cuspidor.

## About Your A-dec Cuspidor

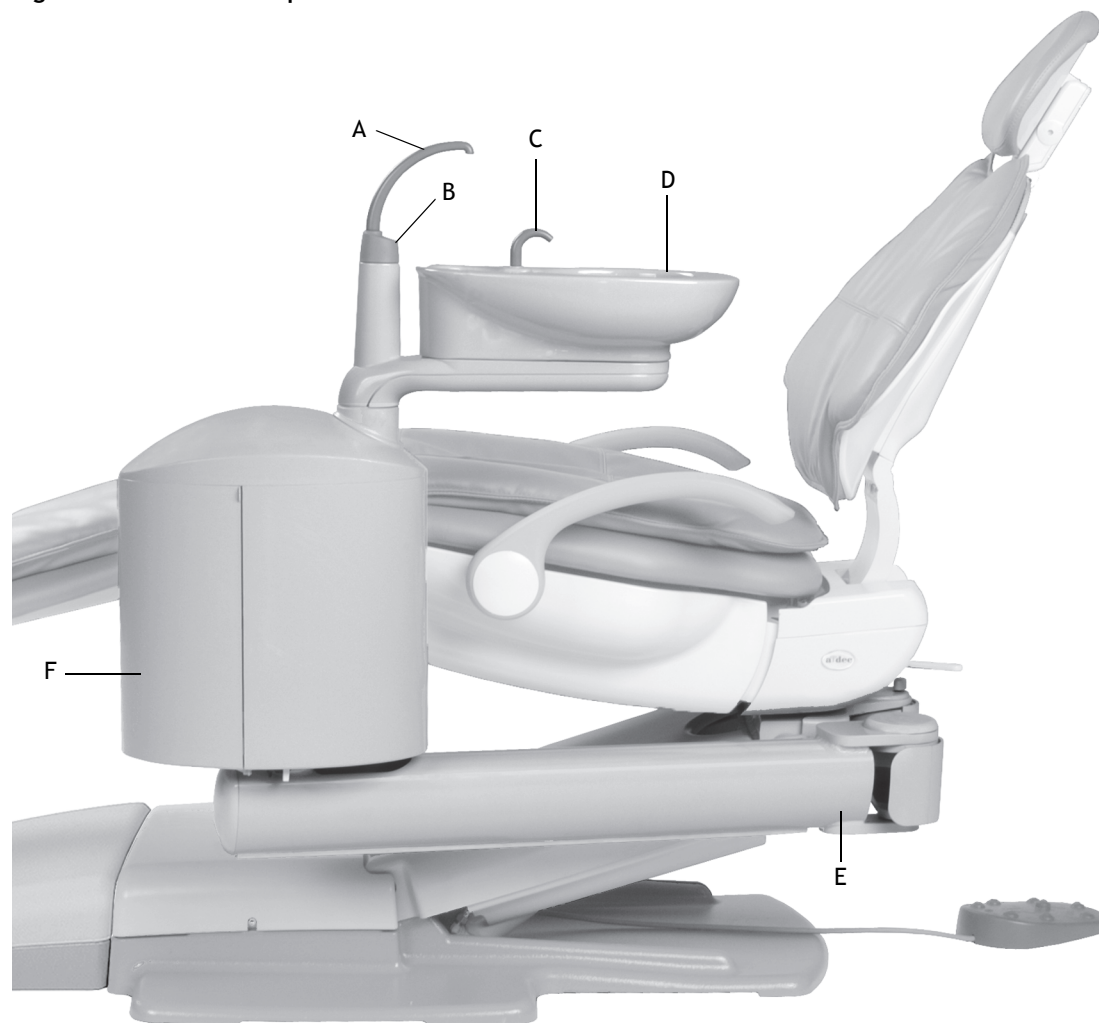
The A-dec 561 cuspidor is designed for simple operation and easy cleaning. Manual and programmable controls are available either from the buttons on the cuspidor tower (Figure 2 on page 2) or from the optional touchpad.

For an overview of component features and options covered in this guide, see Figure 2.

**Figure 1. A-dec 561 Cuspidor and Support Center**



Figure 2. A-dec 561 Cuspidor Features



Item	Description
A	Cupfill Spout
B	Cuspidor Buttons
C	Bowl Rinse Spout
D	Cuspidor Bowl
E	Lower Support Arm
F	Support Center

# BASIC OPERATION

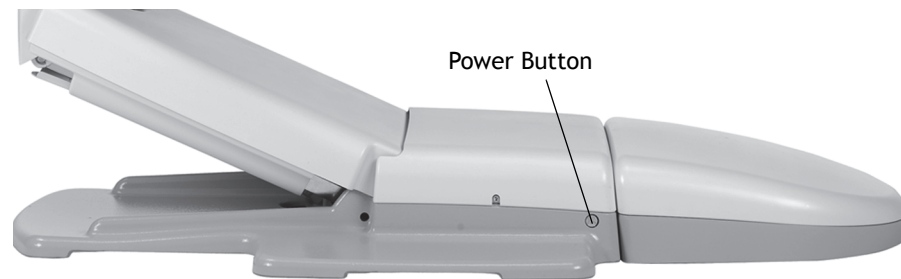
## Power

There are two power source locations for the assistant's instrumentation: the power button on the chair and the delivery system master toggle.

### Power Button

The power button is located on the base of the chair (see Figure 3). When the button is pressed in, the chair and any attached systems have power. When the button is out, the system has no power.

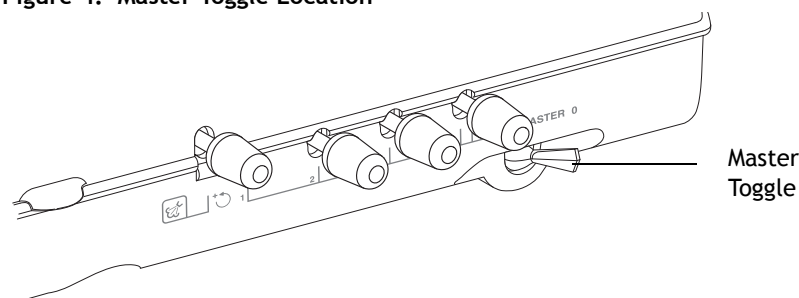
Figure 3. Chair Power



### Master Toggle

The master toggle is located on the right side of the delivery system and controls the utilities for the system, as well as other modules mounted to the chair (see Figure 4). Flip the toggle to turn the system on or off.

Figure 4. Master Toggle Location



**NOTE** To prolong the life of your equipment, turn off the master toggle when the delivery system is not in use.

## Alternate Master Toggle Locations

Depending on your configuration, the master toggle may instead be located on the cuspidor, support center, or remote floor box.

## Cuspidor Functions

You can use the buttons under the cupfill spout or on the touchpad to control the bowl rinse and cupfill functions. The buttons support both programmed and manual operation.

Figure 5. Cuspidor Features and Controls

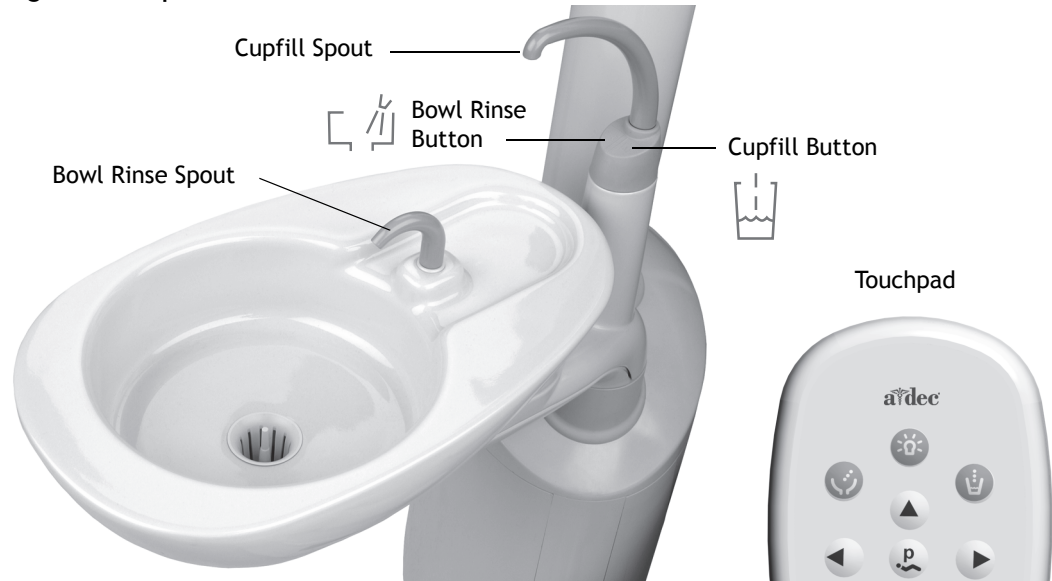








Table 1. Cupfill and Bowl Rinse Buttons

Button	Description
 or 	<p><b>Cupfill Button:</b> Controls water flow from the cuspidor into a cup.</p> <ul style="list-style-type: none"> <li>Press the cupfill button for a timed operation. The factory preset is a 2.5 second fill.</li> <li>Press and hold the cupfill button for manual operation.</li> </ul>
 or 	<p><b>Bowl Rinse Button:</b> Provides rinse water for the cuspidor bowl.</p> <ul style="list-style-type: none"> <li>Press the bowl rinse button for a timed operation. The factory preset is a 30 second rinse.</li> <li>Press and hold the bowl rinse button for manual operation.</li> </ul>

Note: Touchpad symbols are proprietary to A-dec Inc.




**TIP** Press the bowl rinse button ( or ) twice in less than two seconds to activate the continuous operation mode. Press the button once to end the continuous bowl rinse mode.



## Customize Bowl Rinse or Cupfill Timing

To reprogram the timed bowl rinse or cupfill functions:

1. Press  on the touchpad, or press and hold the cupfill and bowl rinse buttons under the cupfill spout. Release the button(s) when you hear one beep.
2. Within five seconds, press and hold the cupfill or bowl rinse button for the desired time.
3. Release the button. Three beeps confirm that the program has changed.

## Additional Touchpad Functions

Your system may include a standard or deluxe touchpad.



**IMPORTANT** For complete touchpad functionality instructions, see your delivery system *Instructions for Use*.

Figure 6. A-dec 500 Touchpads



Standard

Deluxe

## Stop Switch

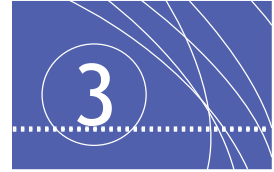
If an object becomes lodged under the cuspidor as the chair is lowered, a stop switch will interrupt the chair motion to prevent damage.



**NOTE** Please follow standard patient care precautions when using the chair preset position functions. Always take extra care with small children and patients with limited mobility. To stop the chair at any point, push any chair positioning button on the footswitch or touchpad.

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# ADJUSTMENTS AND MAINTENANCE

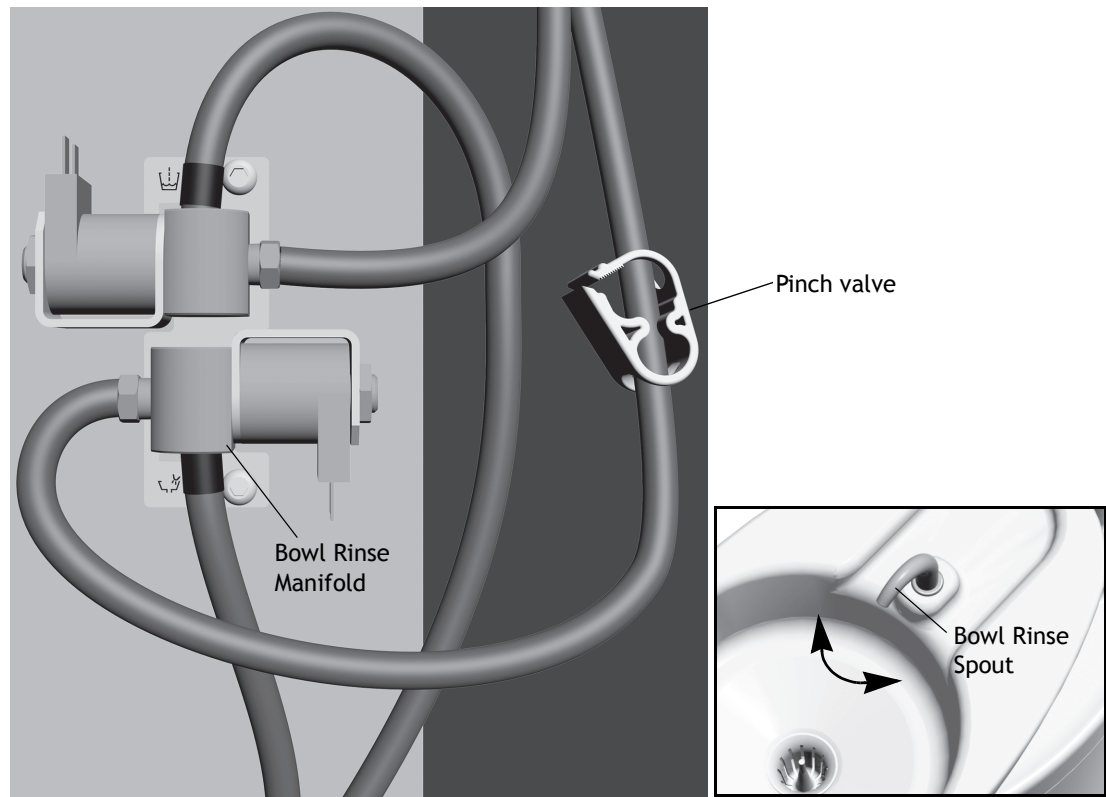


## Bowl Rinse Flow Adjustment

Adjustments to the cuspidor bowl rinse flow are made inside the support center. For access inside the support center, remove the side cover by pulling the lower edges of the cover out. To adjust the bowl rinse water flow:

1. Locate the pinch valve inside the support center (see Figure 7).
2. With the bowl rinse on, squeeze the pinch valve to reduce the flow. Release the valve to increase the flow. Ensure that the water flow adequately rinses the bowl.
3. For the best rinsing action, adjust the flow pattern by rotating the bowl rinse spout.

Figure 7. Adjusting Bowl Rinse Water Flow



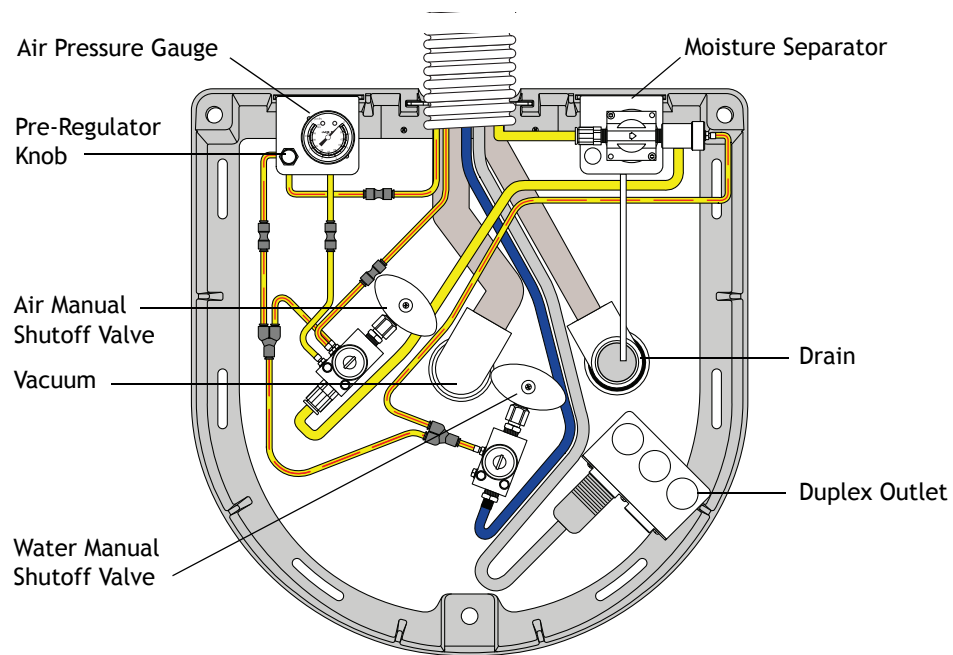
## Utilities

A-dec 500 utilities are located in the contoured floor box for chair-mounted systems or in the cabinet for cabinet-mounted delivery systems. To access the utilities, lift up the floor box cover or removable cabinet panel. The utilities include the air/water shutoff valves, filters, pressure pre-regulators, vacuum and gravity drains, as well as electrical outlets (see Figure 8).



**IMPORTANT** For information on utilities adjusting and maintaining, see your delivery system *Instructions For Use*.

**Figure 8. System Utilities (shown in floor box)**



## Spouts and Bowl

The contoured spouts and smooth bowl of the cuspidor provide for quick and easy cleaning. Remember to empty and clean the bowl screen every time you clean the cuspidor.



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**BIOHAZARD** Infectious waste may be present. Follow asepsis protocol to prevent cross contamination.

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**CAUTION** Do not remove the spouts when cleaning the cuspidor. This will help prevent cleaning solutions from damaging the equipment and contaminating the cupfill water.

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**CAUTION** Do not empty the solids collector screen or bowl screen into the cuspidor. Doing so could plug the cuspidor drain. Dispose of the contents in an appropriate biohazard container according to the regulations specific to your location. After cleaning, always install the bowl screen in the cuspidor bowl to prevent debris from plugging the drain.

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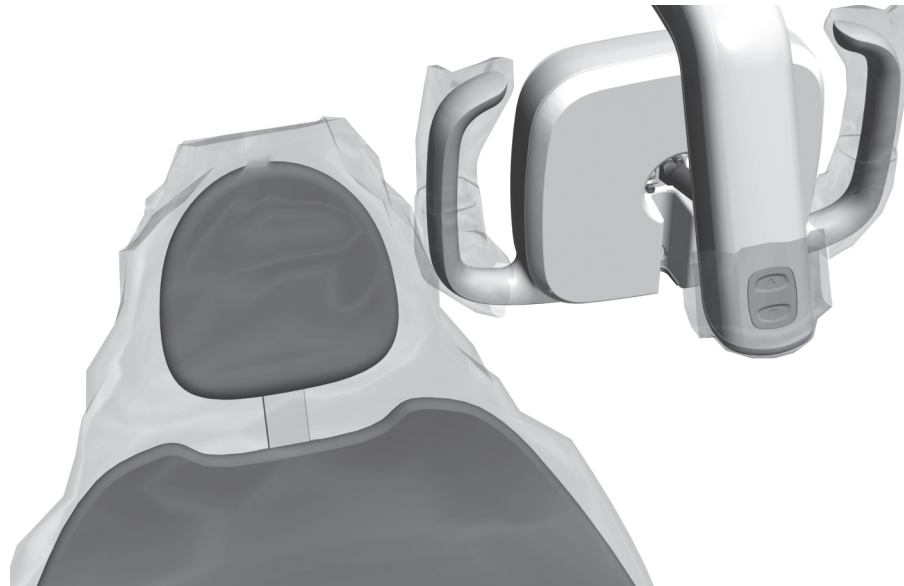
## Gravity Drain Tubing

At the end of each day, flush the cuspidor to remove debris from the flexible drain tubing. If the cuspidor is not flushed regularly, debris may build up and impair draining. To flush the cuspidor, run the bowl rinse for about 60 seconds.

## Barrier Protection

A-dec recommends barrier protection for all applicable touch and transfer surfaces. Touch surfaces are areas that come into contact with hands and become potential cross-contamination points during dental procedures. Transfer surfaces are areas that come into contact with instruments and other inanimate objects.

In the USA, barriers must be produced under the Current Good Manufacturing Practice (CGMP) as specified by the U.S. Food and Drug Administration (USFDA). For regions outside the USA, refer to the medical device regulations specific to your location.



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**DANGER** If you use barriers, always replace the barrier film after each patient.

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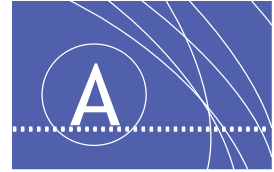
**IMPORTANT** For recommendations on cleaning and chemical disinfection of touch and transfer surfaces (where barrier protection is not applicable or when barriers are compromised), please see the *A-dec Equipment Asepsis Guide* (p/n 85.0696.00). This document is also available at [www.a-dec.com](http://www.a-dec.com) in the Document Library.

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## Waterline Treatment

For recommended treatment of your dental unit waterlines, refer to the *A-dec Self-Contained Water System Instructions For Use* (p/n 86.0609.00).

# APPENDIX: SPECIFICATIONS AND WARRANTY



## Specifications

### Minimum Air, Water, and Vacuum Service Requirements

Air: 2.50 scfm (70.80 l/min) at 80 psi (551 kPa)

Water: 1.50 gpm (5.68 l/min) at 40 psi (276 kPa)

Vacuum: 12 cfm (339.84 l/min) at 8 inches of mercury (27 kPa)

### Maintenance Parts

Cuspidor Bowl Screen Replacement p/n 75.0035.03 (package of 5)



**IMPORTANT** For electrical specifications, identification of symbols, and other regulatory requirements, see the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).

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**NOTE** Specifications are subject to change without notice. Requirements may vary depending on your location. For more information, contact your authorized A-dec dealer

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## Warranty

Warranty information is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at [www.a-dec.com](http://www.a-dec.com).



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