

INSTRUCTIONS
FOR USE

A-dec 461

CUSPIDOR WITH SUPPORT CENTER



 a dec®

Copyright

© 2020 A-dec Inc. All rights reserved.

A-dec Inc. makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. A-dec Inc. shall not be held liable for any errors contained herein or any consequential or other damages concerning the furnishing, performance or use of this material. The information in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. A-dec Inc. does not warrant that this document is error-free.

No part of this document may be copied, reproduced, altered, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without prior written permission from A-dec Inc.

Trademarks and Additional Intellectual Property Rights

A-dec, the A-dec logo, A-dec Inspire, Cascade, Century Plus, Continental, Decade, ICX, ICV, Performer, Preference, Preference Collection, Preference ICC, Radius, and reliablecreativesolutions are trademarks of A-dec Inc. and are registered in the United States and other countries. A-dec 500, A-dec 400, A-dec 300, A-dec 200, and EasyFlex are also trademarks of A-dec Inc. None of the trademarks or trade names in this document may be reproduced, copied, or manipulated in any manner without the express, written approval of the trademark owner.

Certain touchpad symbols and icons are proprietary to A-dec Inc. Any use of these symbols or icons, in whole or in part, without the express written consent of A-dec Inc., is strictly prohibited.

Regulatory Information and Warranty

For required regulatory information and the A-dec warranty, see the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00) available in the Resource Center at www.a-dec.com.

Product Service

Product service is available through your local authorized A-dec dealer. To locate an authorized dealer, or for additional service information, visit www.a-dec.com or contact A-dec at 1.800.547.1883 in the USA and Canada or 1.503.538.7478 worldwide.

Product Models and Versions Covered in This Document

Model	Version	Description
461	A	Support Center

Content Map

Bowl Rinse 2



Bowl Cleaning 6



Water Bottle 5



Cupfill 2



Cuspidor Controls 2



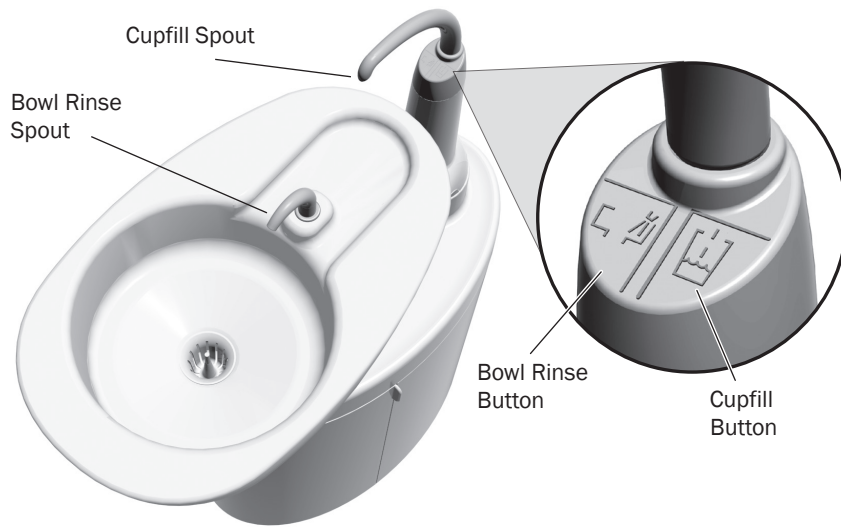
Flow Adjustment 4



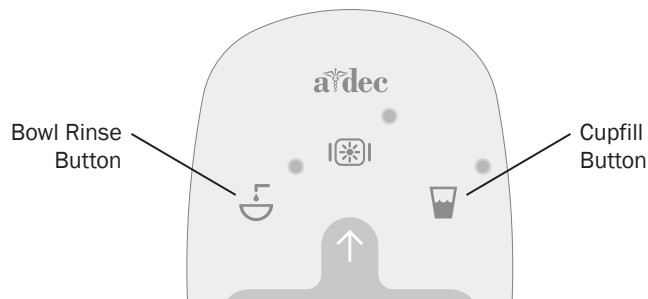
Operate / Adjust	2
Clean / Maintain.....	5
Specifications	8

Operate / Adjust

Operate the Cuspidor



Standard Touchpad Shown



IMPORTANT Standard touchpad shown. For other touchpads, see your delivery system Instructions for Use.

Turn On/Turn Off Cupfill and Bowl Rinse

Use the icons on the touchpad (☒, ☓), or the buttons on the cuspidor (☒, ☓) to control cupfill and bowl rinse functions.

Icon/Function	Actions/Options
☒ (or ☓) Cupfill	<ul style="list-style-type: none"> Press once for a timed operation. The factory preset is a 2.5 second fill. Press and hold for manual operation.
☓ (or ☒) Bowl Rinse	<ul style="list-style-type: none"> Press once for a timed operation. The factory preset is a 30 second rinse. Press twice for continuous flow. Then press once to stop the flow. Press and hold for manual operation. Release to stop the flow.

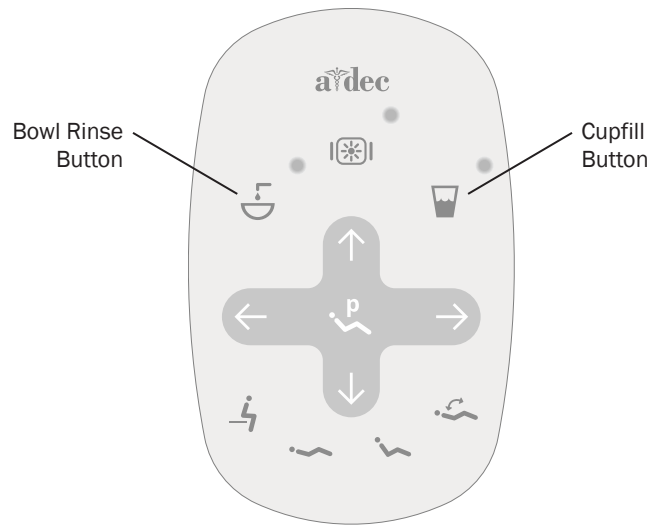
Note: Touchpad symbols are proprietary to A-dec Inc.

Customize Cupfill and Bowl Rinse Timing on the Cuspidor




1. Press and hold ☒ and ☓ under the cupfill spout until you hear one beep, which indicates program mode is on.
2. Within five seconds, press and hold ☒ or ☓ for the desired time.
3. Three beeps confirm that your new settings are saved.

Operate the Cuspidor *(continued)*

Standard Touchpad Shown




Customize Cupfill and Bowl Rinse Timing on the Touchpad

1. Press and hold  until you hear one beep, which indicates program mode is on.
2. Within five seconds, press and hold  or  for the desired time.
3. Three beeps confirm that your new settings are saved.



IMPORTANT Standard touchpad shown. For other touchpads, see your delivery system Instructions for Use.

Cuspidor Stop Switch

If an object gets caught under the cuspidor bowl as the chair is lowered, a stop switch will interrupt the chair motion to prevent damage. If the object becomes lodged, press  on the footswitch or touchpad to remove the object and resume normal operation.



IMPORTANT For more information about chair safety features, see your dental chair Instructions for Use.

Adjust the Bowl Rinse Flow

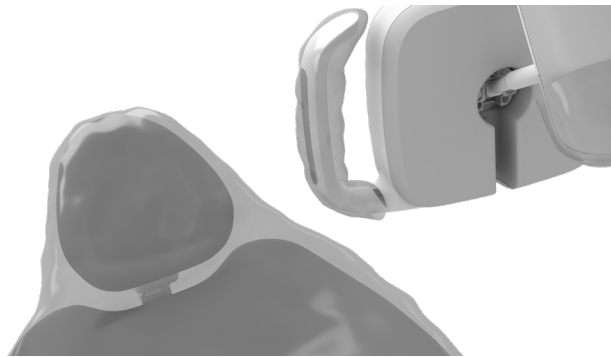


The bowl rinse function should provide enough water to completely rinse the cuspidor bowl. If the flow is not sufficient, an adjustment can be made inside the support center:

1. Remove the side cover from the support center by pulling the lower edges of the cover out.
2. With the bowl rinse on, squeeze the pinch valve to reduce the flow. Release the valve to increase the flow.
3. For the best rinsing action, adjust the flow pattern by rotating the bowl rinse spout.

Clean / Maintain

Protect with Barriers



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.



NOTE For proper use and disposal of barriers, see the barrier manufacturer's Instructions for Use.



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).

Waterline Maintenance



A-dec recommends that you perform a shock treatment on the dental unit waterlines before you use the system for the first time.

For on-going waterline maintenance, A-dec recommends a three-part protocol: continuous use of A-dec ICX® waterline treatment tablets, regular dental unit water monitoring, and shock treatment.



IMPORTANT For complete details on how to maintain good water quality in your system, see the Instructions for Use for ICX and your self-contained water bottle:

- A-dec ICX* p/n 86.0613.00
- A-dec Self-Contained Water System* p/n 86.0609.00
- Waterline Maintenance Guide* p/n 85.0983.00

Maintain the Cuspidor and Drain



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.



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.



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.

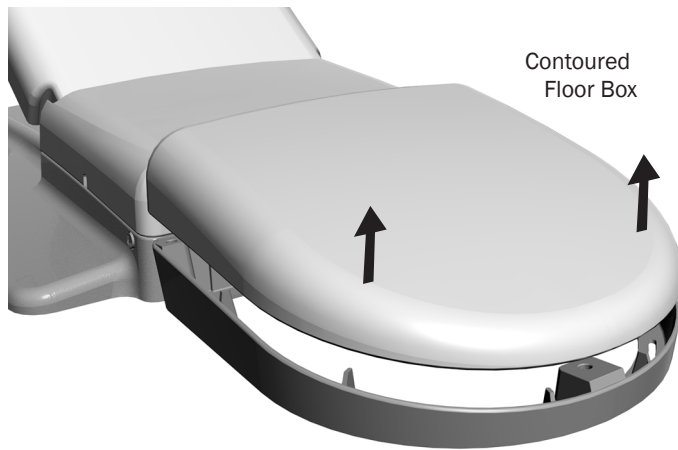
Gravity Drain Tubing

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.

Maintenance Parts

For replacement cuspidor bowl screens, order p/n 75.0035.03.

Access the Utilities



CAUTION When you remove or replace the cover, take care not to damage any wiring or tubing. Verify that the cover is secure after you replace it.

The system utilities are located in the contoured floor box under your chair and typically include the electrical outlet, as well as the system hookups for air, water, and vacuum. To access, lift the cover up and off the floor box frame. For maintenance, contact your local authorized A-dec dealer.

Specifications



IMPORTANT For electrical and utility specifications, identification of symbols, and other regulatory requirements, see the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00) available in the Resource Center at www.a-dec.com.



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



 **A-dec Headquarters**

2601 Crestview Drive
Newberg, Oregon 97132
United States
Tel: 1.800.547.1883 within USA/CAN
Tel: +1.503.538.7478 outside USA/CAN
www.a-dec.com

A-dec Australia

Unit 8
5-9 Ricketty Street
Mascot, NSW 2020
Australia
Tel: 1.800.225.010 within AUS
Tel: +61.(0).2.8332.4000 outside AUS

A-dec China

A-dec (Hangzhou) Dental Equipment Co., Ltd.
528 Shunfeng Road
Qianjiang Economic Development Zone
Hangzhou 311100, Zhejiang, China
Tel: 400.600.5434 within China
Tel: +86.571.89026088 outside China

A-dec United Kingdom

Austin House
11 Liberty Way
Nuneaton, Warwickshire CV11 6RZ
England
Tel: 0800.ADEC.UK (2332.85) within UK
Tel: +44.(0).24.7635.0901 outside UK



86.0374.00 Rev E
Date of Issue 2020-02-12
Copyright 2020 A-dec Inc.
All rights reserved.