

# A-dec 300/400/500 Dental Equipment Installation Checklist

For more detailed information, see the installation guides for the dental chair and optional modules.

Model	S/N	Model	S/N
<b>Dental Chair:</b>		<b>Dental Light:</b>	
<b>Delivery System:</b>		<b>Assistant's Instrumentation:</b>	
<b>Support Center:</b>		<b>Other:</b>	

## Dental Chair

- Check the range of motion within the operatory. If needed, adjust the maximum chair height to avoid any collisions.
- Dental chair is securely anchored to the floor.
- Chair functions properly, including the chair's lift, tilt, and programmable functions controlled by the touchpads and foot switch.
- Verify the stop switch is activating properly.
- Headrest is functioning properly.

## Delivery System

- Handpieces function properly and are set to the doctor's preferences:
  - Water coolant, air coolant, and spray.
  - Handpiece tubing flush.
  - Handpiece holder valves and switches.
  - Handpiece drive air pressure.
- If equipped: Spring-assisted flexarm is counterbalanced properly.
- Flexarm air brake functions properly.
- 336 only:** Rotation stop pin is installed and functioning properly.
- 336 only:** Height of manual height adjustment arm and rotation tension is set.
- Control head is level. **300 delivery systems only:** Place the level on the tray for this measurement.
- Articulating arms do not drift.
- Foot control operates properly.

## Dental Light

- All light settings and controls work properly.
- Dental light flexarm and head tension are properly adjusted.

## Assistant's Instrumentation, Cuspidor, and Cupfill

- Vacuum/suction is set to the following specifications:
  - Wet vacuum** -  $10 \pm 2$  inches of Hg ( $34 \pm 7$  KPa), 9 SCFM (255 sl/min) minimum
  - Dry/semi-dry vacuum** -  $4.5 \pm 1$  inches of Hg ( $16 \pm 3.5$  KPa), 12 SCFM (340 sl/min) minimum
- Air and water syringe buttons operate smoothly.
- Valves on HVE and saliva ejector move freely.
- Cupfill timing is set properly.
- Cuspidor flow pattern effectively rinses the bowl, bowl drains properly.
- 361, 362, and 363 only: The end of the cuspidor ventilation tube is 1/2" (13 mm) above the support center frame.
- 361 and 363 only: There is 1-1/8" (29 mm) clearance between the cuspidor bowl and armrest.

## Utilities

- Regulated air pressure to the delivery system is at 80 psi (552 kPa).
- Floor box is free of air and water leaks.
- The gravity drain is functioning properly.
- Tubing and connections are not kinked and are free of air and water leaks.
- Excess tubing and wires are coiled and stored away from moving parts.

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**Doctor / Clinic:**

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**Address:**

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**Telephone:**

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**Installation Date:**

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**Dealer / Branch:**

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**Installer:**

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**Operatory:**

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**Notes:**

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**Reviewed with doctor / customer:**

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Signature

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Date

**Doctor / customer unavailable to review checklist**



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86.0248.00 Rev E  
Date of Issue 2021-05-07  
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