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# A-dec Signature
# Handpieces and Motors




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# Reliable performance, impressive value.

You know exactly what you need for your practice. That's the inspiration behind our signature line of A-dec handpieces and motors.

Enjoy the thoughtful design and quality craftsmanship you expect, backed by legendary customer service and support. This singular line of motors and attachments is an ideal solution for your essential, day-to-day procedures. And an easy choice to make when you're selecting your A-dec chair, lights, and delivery.

You earn your patients' trust with every treatment. And we'll earn yours every time you reach for an A-dec handpiece.




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# CLASS A A-DEC LOW-SPEED AIR COLLECTION

A-dec low-speed air handpieces offer durability and reliable performance. Their sleek, lightweight design ensures an entirely comfortable balance in your hand. High-precision gears provide quiet operation and reduce uncomfortable vibration. The extra-slim head and body improve visibility as you work, even in difficult-to-access areas of the oral cavity.



## A11

| | |
|---|---|
| Application | General application handpiece |
| Gear Ratio | 1:1 direct drive |
| Max Speed | 40,000 rpm |
| For | Bur for Contra Angle (CA) 2.35mm diameter |
| Head Size | Φ9.6mm×13.5mm |
| Warranty | 1 year |

### Features

- Non-optic
- Debris defense system
- Push button chuck
- Ball bearing
- Aluminum body
- Autoclavable



## A41

| | |
|---|---|
| Application | General application handpiece |
| Gear Ratio | 4:1 reduction |
| Max Speed | 10,000 rpm |
| For | Bur for Contra Angle (CA) 2.35mm diameter |
| Head Size | Φ9.6mm×13.5mm |
| Warranty | 1 year |

### Features

- Non-optic
- Debris defense system
- Push button chuck
- Ball bearing
- Aluminum body
- Autoclavable

## Designed for long life.

The debris defense system on A-dec low-speed air handpieces automatically reduces the entry of oral fluids and contaminants into the handpiece head to prolong the life of the bearings. The prophy handpiece features a paste seal system to reduce dust and polishing paste debris from entering the handpiece; and a special rotor coating prevents potential breakage caused by surface abrasions from the polishing paste.



## A11S

| | |
|---|---|
| Application | General application handpiece |
| Gear Ratio | 1:1 direct drive |
| Max Speed | 40,000 rpm |
| For | Bur for Handpiece (HP) 2.35mm diameter |
| Head Size | N/A |
| Warranty | 1 year |

### Features

- Non-optic
- Debris defense system
- Aluminum body
- Autoclavable



## A41P

| | |
|---|---|
| Application | Prophylaxis handpiece |
| Gear Ratio | 4:1 reduction |
| Max Speed | 5,000 rpm |
| For | Screw in cups and brushes |
| Head Size | Φ7.4mm×12mm |
| Warranty | 1 year |

### Features

- Non-optic
- Paste seal system
- Aluminum Body
- Autoclavable

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(Non-retail) Prophylaxis Angle Cup and Brush Kit Included A-dec Water Lines Clean Automatically Quiet Operation Easy Maintenance

## A-DEC 301 AIR MOTOR

With its clean aluminum design, the A-dec 301 motor offers a balanced combination of light weight and durability. Enjoy smooth forward and reverse drive functionality, with an adjustable speed range up to 22,000 rpm. The A-dec 301 motor accommodates non-optic handpieces and contra-angles with E-type compatibility.

| | |
|---|---|
| **Optic** | Non-optic |
| **Speed** | 22,000 rpm +/- 10% |
| **Weight** | 62 grams |
| **Material** | Aluminum |
| **Tubing** | Midwest 4-hole |
| **Warranty** | 1 year |
| **Autoclavable** | Yes |
| **Water Spray** | No |




## A-DEC 501 ELECTRIC MOTOR

Responsive and lightweight, the A-dec 501 electric motor delivers all the power you need, with a full range of speed. Work with more precision and consistency–and less fatigue. Program the settings to match your preferences for activation, speed, torque and direction.

| | |
|---|---|
| **Applications** | General restorative, prophylaxis,endontics |
| **Contra-angle compatibility** | E-type |
| **Motor Type** | Brushless micromotor |
| **Speed (Standard Mode)** | 1,000 - 40,000 rpm |
| **Speed (Endo Mode)** | 100 - 5,000 rpm |
| **Torque (Standard Mode)** | Max. 4.0 Ncm |
| **Torque (Endo Mode)** | Max. 3.0 Ncm |

| | |
|---|---|
| **Weight** | 57 grams (micromotor only) |
| **Optic** | Daylight quality LED |
| **Warranty** | 1 year |
| **Autoclavable** | Yes |

Couple the A-dec 501 electric motor with the A-dec Deluxe touchpad to fully integrate your delivery system—and add the capability to perform endodontic procedures and functions such as torque control and automatic reverse.

An electric motor controller is a required component of the A-dec delivery system, which is configured at the time of your A-dec purchase.




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Non-retractable handpieces are not automated A-dec Ready. Check with your dealer for availability.

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85.1021.00/BB/3M/7-21/(9-22)/Rev A2

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