

# Electric Motors

## NLZ and NLX nano



NLX nano electric motor is better for high- and low-speed applications.



NLZ electric motor is best for high- and low-speed applications, including endodontics.



Two deluxe touchpad options (the A-dec 300 and A-dec 500) give you integrated power and control.

## Seamless integration. Increased control.

The NLZ and NLX nano electric motors offer more responsive and capable solutions for your operatory. When coupled with the A-dec deluxe touchpad's intuitive power display and programmable memory, you can fully integrate your delivery system and place your focus where you need it—on your patients.

The NLZ and NLX nano on the A-dec delivery system, gives you clutter-free operatory with all-in-one access to:

- Improve control, productivity and ease.
- Eliminate reaching, twisting and turning.
- Program the settings to match your preferences.
- Monitor speed and switch between forward and reverse.



## Exceptional feel with lasting durability.

Titanium is 30% lighter, yet more durable than stainless steel. It offers a natural tactile sense and exceptional usability. With applications ranging from high-speed gross reduction and low-speed precision finishing, to specialty functions such as endodontics, NLZ and NLX nano helps you achieve greater precision and treat patients more efficiently.

**Reduce fatigue:** Lightweight titanium's balanced handling ensures optimal ergonomics.

**Increase performance:** Enjoy a full range of speed, with all the power you need.

**Operate with precision and consistency:** Program settings for activation, speed, torque and direction.

**Do more in less time:** Handpiece activates as you lift from the holder so you can view display as needed.

**Reduce cleanup and extend product life:** The motors are autoclavable, brushless and maintenance-free.

**Light up the procedure:** Built-in LED daylight-quality illumination gives you 32,000 lux for a clear view.



Details	NLZ	NLX nano
Applications	General restorative, prophylaxis, endodontics	General restorative, prophylaxis
A-dec Delivery System	A-dec 500/A-dec 300/A-dec 200	A-dec 500/A-dec 300
Micromotor Controller*	NLZ BA	NLX BA
Micromotor & Tubing	A-dec NLZ (factory) or NSK NLZ (in-field installation)	A-dec nano (factory) or NSK nano (in-field installation)
Contra-angle Compatibility	E-Style	E-Style
Motor Type	Sensorless Brushless Micromotor	Brushless Micromotor
Speed (Standard Mode)	100–40,000 min <sup>-1</sup>	1,000–40,000 min <sup>-1</sup>
Speed (Endo Mode)	100–5,000 min <sup>-1</sup>	--
Torque (Standard Mode)	Max. 4.0 Ncm	Max. 3.4 Ncm
Torque (Endo Mode)	Max. 3.4 Ncm	--
Weight	57g (micromotor only)	61g (micromotor only)
Light	Daylight quality 5,000K, 94 CRI, 32,000 lux	Daylight quality 5,000K, 94 CRI, 32,000 lux

[\*] 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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