

Electric Motors

NLZ[®] and NLX nano[®]



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



NLZ electric motor—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.

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.

With the NLZ and NLX nano on your A-dec delivery system, you'll enjoy a clutter-free operatory and get 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.



Natural feel. Exceptional usability.

There's a reason the NLZ and NLX nano feature titanium designs. It's 30% lighter than stainless steel, yet more durable—for 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, the NLZ and NLX nano help you achieve greater precision and treat patients more efficiently.

Minimize fatigue: The titanium design is comfortably lightweight, for balanced handling.

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 brushless and fully autoclavable.

Light up the procedure: Built-in, daylight-quality illumination gives you 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-Type	E-Type
Motor Type	Brushless Micromotor	Sensorless Brushless Micromotor
Speed (Standard Mode)	1,000–40,000 min ⁻¹	1,000–40,000 min ⁻¹
Speed (Endo Mode)	100–5,000 min ⁻¹	--
Torque (Standard Mode)	Max. 4.0 Ncm	Max. 3.4 Ncm
Torque (Endo Mode)	Max. 3.0 Ncm	--
Weight	57g (micromotor only)	61g (micromotor only)
Light	Daylight quality LED	Daylight quality LED

[*] 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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