

NLZ® Electric Motor



Seamless integration. Increased control.

The NLZ electric motor offers a more responsive and capable solution for your operatory. When coupled with the A-dec® 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 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.



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



Integrated power and control are at your fingertips with the A-dec touchpad.

Natural feel. Exceptional usability.

There's a reason the NLZ motor features a titanium design. 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 motor helps 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 motor is brushless and fully autoclavable.
- Light up the procedure:** Built-in, daylight-quality illumination gives you a clear view.



Details	NLZ
Applications	General restorative, prophylaxis, endodontics
A-dec Delivery System	A-dec 500 Pro/A-dec 500/A-dec 300 Pro/A-dec 300/A-dec 200
Micromotor Controller*	NLZ BA
Micromotor & Tubing	A-dec NLZ (factory) or NSK® NLZ (in-field installation)
Contra-angle Compatibility	E-Type
Motor Type	Brushless Micromotor
Speed (Standard Mode)	1,000–40,000 min ⁻¹
Speed (Endo Mode)	100–5,000 min ⁻¹
Torque (Standard Mode)	Max. 4.0 Ncm
Torque (Endo Mode)	Max. 3.0 Ncm
Weight	57g (micromotor only)
Light	Daylight-quality

* 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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