

endo★star Performer

Tailored to the needs
of any dentist



endo★star

Versatile and easy to use



Intuitive endodontic micromotor with built-in apex locator. The ability to fully adjust the operating parameters allows you to adapt the contra-angle handpiece to your needs and habits. Compatibility with most systems available on the market (both rotary and reciprocal) makes it one of the most versatile devices for dentists.

Three types of motions provide security in three ways:

- > rotational,
- > ATR - complex movement, combining rotational and reciprocal motions,
- > F-R - forward-reverse motion (reciprocal).

Turn on and go

Works with most files available on the market

Due to fully adjustable parameters, the device can work with most files. Endostar Performer has preloaded settings for 6 Endostar systems and 9 free programs with a choice of other systems available on the market.

You don't have to set anything up! Switch it on, choose the right file and work.

Intuitive operation

An easy-to-read panel and intuitive parameter settings (speed and torque) speed up work and make it safer.

Quiet, brushless motor

Significantly quieter motor operation than in most competing devices increases user comfort.

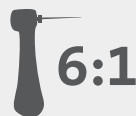


360°



ENDOSTAR

6 Endostar programs
9 customizable programs



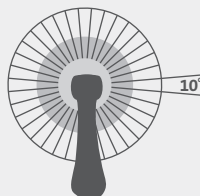
6:1 ratio



Customizable settings



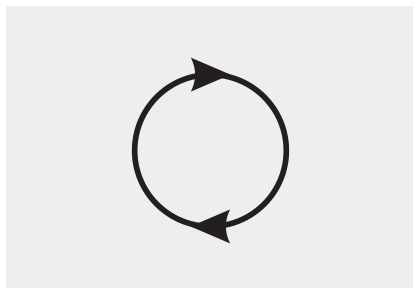
Forward center
of gravity



Angle range of every 10°

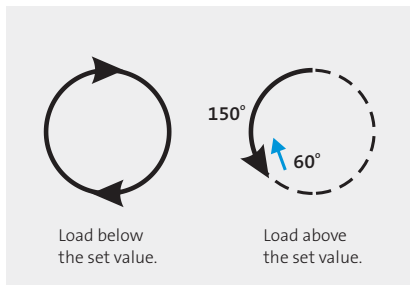


3 motion types



Rotational motion

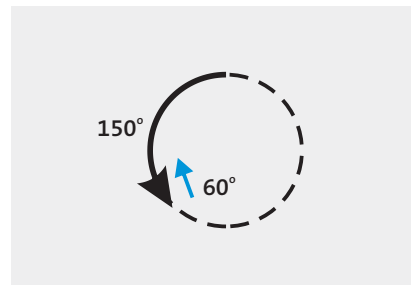
The contra-angle handpiece rotates forward 360°, clockwise.



ATR motion

Combination of rotation with reciprocal motions.

- > When less force is applied to the instrument, the contra-angle handpiece works in a rotational motion.
- > When a higher load is applied to the instrument, the contra-angle handpiece works in a reciprocal motion.



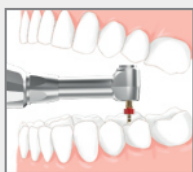
F-R motion

Forward-reverse motion. Reciprocal motion (left-handed or right-handed). Safe canal preparation thanks to alternating partial forward (F) and reverse (R) file rotations. You can set the range of each file rotation by entering the angles for F and R. A full rotation is 360 degrees.

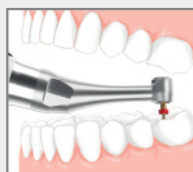


Mini head

Small head with a diameter of 8 mm and a height of 9.7 mm improves visibility. The 360° rotation allows the user to comfortably place the contra-angle handpiece in their hand.



Standard head.

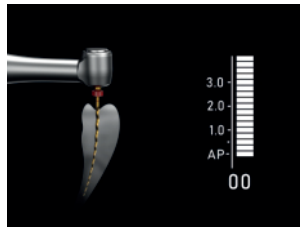
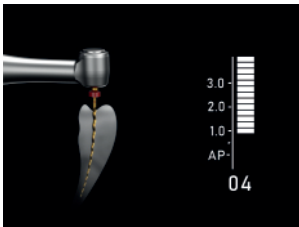


Endostar Performer Mini Head.

Built-in apex locator

Accurate canal length measurement with built-in apex locator. You don't have to switch on the contra-angle handpiece to start the apex locator. Select the M0 (EAL) program and proceed to canal length measurement.

The canal measurement kit includes: measuring wire, lip hook, touch probe, file clip.



Canal length measurement.



Testimonials



Dr Amr Elwi, United Arab Emirates

As a root canal enthusiast with over 20 years of experience and a practice dedicated exclusively to endodontics, I truly value silence and precision during treatment. Nothing compares to the brushless motor of the Endostar Performer. Its exceptionally small head allows for easy maneuverability in hard-to-reach areas, making it an ideal tool for even the most complex cases. The Performer offers a wide range of motion options - especially my favorite, ATR motion - which I believe represents the future of compatibility across all systems. With the lowest torque value on the market at just 0.2 Ncm, it provides unparalleled control and flexibility. This makes it an excellent choice not only for seasoned professionals but also for fresh graduates and new dentists, offering them ease and confidence in handling endodontic procedures. Continuous monitoring with an integrated apex locator ensures precision and safety throughout the treatment process.



Dr Sławomir Gabryś, PhD, Poland

I find the Performer contra-angle handpiece an interesting micromotor because of its versatility. You can set the operating parameters to be compatible with the vast majority of rotary and reciprocal file systems on the market. It allows simple selection of presets for given files as well as setting individual parameters including changing angles in reciprocal motion. It means that the contra-angle handpiece will satisfy both less experienced practitioners and seasoned endodontists. In addition, the small device head provides good visibility when using the microscope. I will be happy to use it in my practice.



Dr András Jakab, Hungary

I've already performed several root canal treatments with the new endomotor, and I absolutely love it. It offers all the features that I need. The apex locator is impressively accurate, and I particularly appreciate that it functions independently-you don't need to activate the motor to use it. The motor itself is exceptionally quiet, noticeably more so than other models I've used. This not only reflects its quality but also makes the overall experience more pleasant. One of my favorite features is the automatic slow-down function as the file approaches the apex. It adds an extra layer of precision and safety to the procedure.

Ergonomics and comfort

Product code: EPERF Endodontic micromotor with built-in apex locator

Battery: lithium battery (in motor handle): 3.7V / 2000 mAh

Torque range: 0.2 Ncm - 5.0 Ncm (2 mNm - 50 mNm)

Speed range: 100 RPM - 18000 RPM

Wireless charging: frequency range: 112 - 205 kHz

Reciprocating motion angle adjustment range: 20 - 400°

Charging time from 0 to 100%: 3.6 hours

Continuous operation time: 5 hours (depending on speed and torque)

Warranty period: 2 years



Settings for Endostar files programmed into the contra-angle handpiece

	CW	ATR	F-R
Endostar E3 Azure Small	1.5 Ncm, 300 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°
Endostar E3 Azure Basic	2.00 Ncm, 300 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°
Endostar E3 Azure Big	2.00 Ncm, 300 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°
Endostar EP Easy Path	1.5 Ncm, 300 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°
Endostar REvision	2.00 Ncm, 500 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°
Endostar RE Endo Rotary System	2.00 Ncm, 500 rpm	0.2 Ncm, 300 rpm	2,5 Ncm, 300 rpm, forward 150°, reverse 60°

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