

DTE®

Endo GT Series

The Future of Endodontics



Key Advantages

- Real-Time Torque Control with TorqueSense™
- Enhanced accuracy of electronic readings with ClearSignal™
- Expanded T-Mode functions
- Cordless handpiece and base with a high-definition display.
- Comprehensive built-in files library with a "Build-Your-File" feature for user customization.

Endo GT Pro will be launched in 2026.

Product overview

Introducing the remarkable Endo GT series, featuring the Endo GT Mini, Endo GT, and Endo GT Pro! These cutting-edge endodontic motors boast innovative features that have never been seen in endodontic science before. The Endo GT series is the only cordless handpiece and cordless base in its category of endomotors. Endo GT and Pro models have a built-in apex locator, providing exceptional versatility. They can operate in three modes—motor only, apex locator only, or a combination of both—allowing for seamless preparation and enlargement of root canals while delivering real-time apex locator readings. Experience the future of endodontics with the Endo GT series!

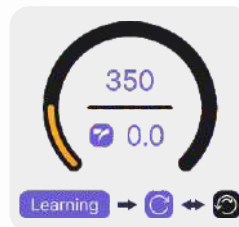
Features

TorqueSense™ — A real-time intelligent torque setting

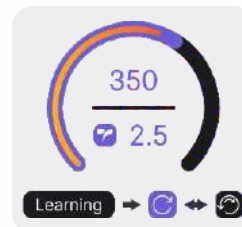
Inspired by Dr. Carlos Spirinelli Ramos

Woodpecker has introduced an innovative system for real-time torque determination that analyzes the cutting resistance of files against the dentin wall. The Endo GT Series learns the torque needed to cut through dentin and automatically adjusts to set the ideal torque for each section of the canal. This ensures that cutting power is tailored to the task while protecting against torsional fatigue and file separation.

- The motor detects torque in real time and establishes the optimal safety threshold based on the file's cutting surface area.
- The proprietary technology automatically switches to a safe right-cutting reciprocating mode when torque exceeds the set threshold.
- There is no need to pre-set torque values for different files.



Learning
torque



Auto-set
the ideal torque



Reciprocation if
torque is surpassed

ClearSignal™ — A powerful aid for electronic readings accuracy

Inspired by Dr. Carlos Spirinelli Ramos

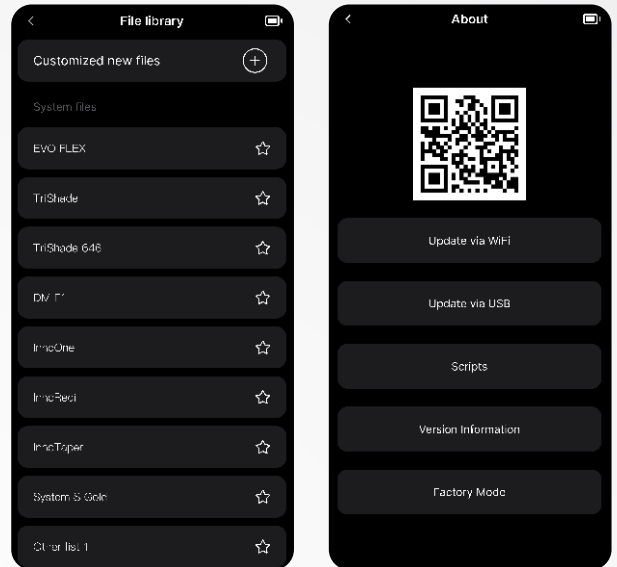
Unstable or inconsistent electronic measurements can lead to inaccurate readings. ClearSignal™ technology evaluates the strength of the electronic signal, helping determine whether the connection is reliable for accurately locating the foramen exit.

- Displays real-time electronic signal strength
- Taps the center dial for instant on-screen alerts and guidance



Comprehensive and customizable file library

- Built-in file library with commonly used sequences
- WiFi cloud sync for instant updates

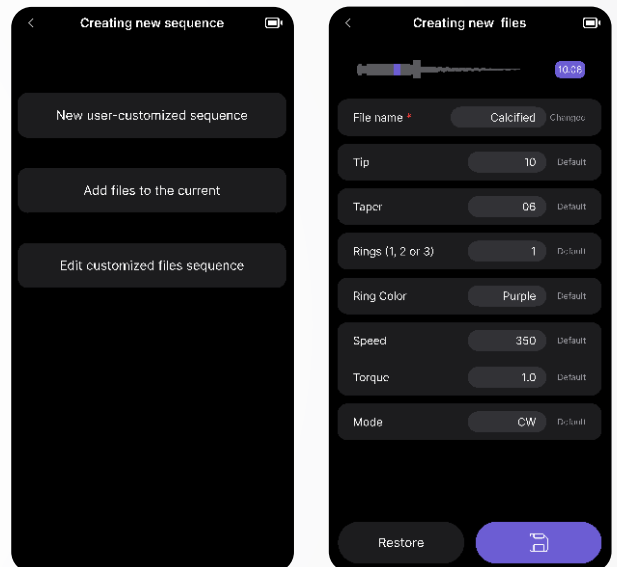


“Build-Your-File” special feature

Inspired by Dr. Carlos Spirinelli Ramos

The Endo GT series enables users to build files and sequences using an intuitive, user-friendly interface.

- Create your file based on specifications such as tip design, taper, working length, and additional parameters.
- Generate a sequence of hybrid files using various brands from the library or those created by the operator.
- Develop distinct sequences for various scenarios, including glide path, MB2, large canals, and more.



Three apex locator sensitivity settings

Unique feature that enables electronic reading to adapt to different canal conditions:

Low

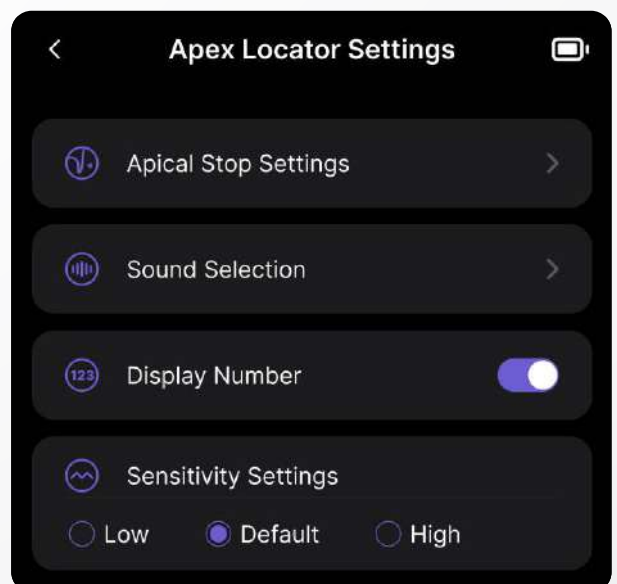
For situations with heavy bleeding or exudate, to reduce false positive indications

Default

Standard situations. Precise and stable

High

For calcified narrow canals to enhance the detection with subtle position changes



T-Mode Series: adaptive hybrid movement

Inspired by Dr. Yoshi Terauchi



T-Mode

For severely curved canals



T-Mode α

Double-curvature canal with two ledges
(one ledge at each curvature)



T-Mode Plus

For severely curved or double-curvature canals
without ledges; ideal for MTA obturation
without sonics



Improved handpiece response

The Endo GT Series leads the way with advanced handpiece control technology, ensuring reciprocation angles align precisely with today's diverse file specifications. The system also allows quick access to two unique kinematic modes:



TorqueSense

Effortless torque control with precise adjustments



T-Mode

Multiple preset configurations for different tasks



ATR Mode

Reciprocation is ignited when the torque is
surpassed as a safety feature



Contra-angle head with LED light

- Ultra-slim 8 mm head for superior access to posterior teeth
- Adjustable cold light for shadow-free illumination

Cordless freedom with magnetic docking

Endo GT Series is the only endodontic motor in its category to feature a light and ergonomic cordless handpiece. The main unit, equipped with a large 6-inch high-definition OLED display, is also cordless, ensuring versatility in the operatory field.

- The handpiece and base are cordless and connected with the latest Bluetooth® technology.
- Magnetic docking easily connects the handpiece base to the main unit for convenient handling with contactless recharging.



6-inch HD touchscreen

- High-resolution display remains visible even under surgical lighting
- Responsive touchscreen compatible with gloved hands
- Quick preset interface for faster and more efficient workflows





Full series of Endo GT

	Endo GT Mini	Endo GT	Endo GT Pro
Built-in AL in handpiece	✗	✓	✓
Built-in AL in main unit	✗	✗	✓
Wireless foot pedal	✗	✗	✓

Specifications

Speed:	50-3000 rpm
Torque:	0.4-5.0 N·cm
Ratio of contra-angle:	6:1
Integrated LED:	Maximum light intensity ≥ 4 lumens
Working modes:	EAL, CW, CCW, REC (SGP), ATR, TorqueSense, T-mode

Configuration

	Endo GT Mini	Endo GT	Endo GT Pro
Insulated contra-angle	2 (one with LED/another one smaller without LED)		
Handpiece	1	1	1
Main unit	1	1	1
Wireless foot pedal	0	0	1
Power adapter	1	1	2
File clip	0	4	4
Lip hook	0	5	5
Touch probe	0	2	2
Charging base	1	1	1
Measuring cable	0	1	1
Tester	0	1	1
Lubricator	1	1	1
Disposable sleeve	1	1	1
Protective silicone cover	0	2	2
Instructions for use	1	1	1
Packing list	1	1	1



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