

BRASSELER
USA® BY YOUR SIDE

EndoSync™ PLUS
INTELLIGENCE REIMAGINED

EndoSync™ PLUS CORDLESS HANDPIECE

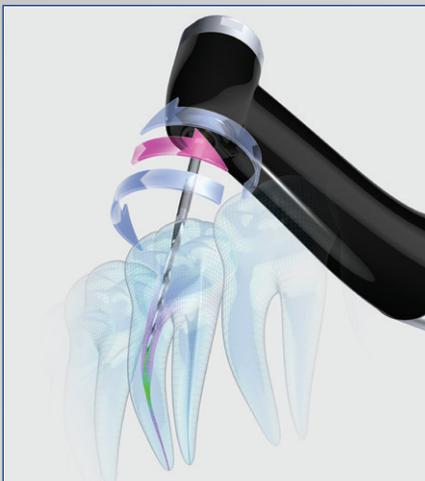
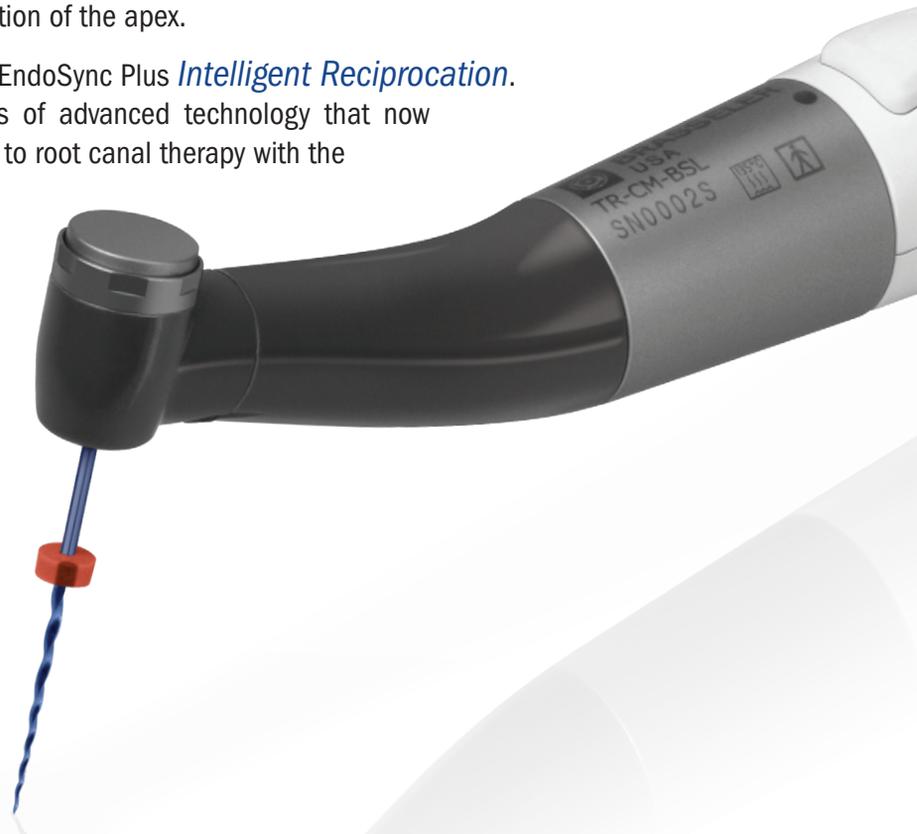
The EndoSync Plus Cordless handpiece features the market's first and only torque-controlled, fully customizable programming. From its revolutionary OTR PLUS technology with Intelligent Reciprocation to its unique ability to sync with the EndoSync A.I. Apex Locator, the EndoSync Plus is truly Intelligence Reimagined. Smart has become Smarter!

The EndoSync Plus is the lightest cordless handpiece in its class at only 100 grams and is also the most powerful with a massive 5.0 Ncm of torque! Just like the original EndoSync cordless, the EndoSync Plus has the ability to seamlessly integrate with the EndoSync A.I. Apex Locator. This enables the device to provide real-time depth readings and eliminates the back and forth hassle of using a standalone apex locator. The EndoSync Plus also retains the same advanced apical actions that significantly reduce the risk of perforation of the apex.

The new and improved OTR Plus technology gives EndoSync Plus *Intelligent Reciprocation*. This unique feature is a culmination of decades of advanced technology that now combines the benefits of a conservative approach to root canal therapy with the superior cutting ability of a rotary motion.

Order Number:
5027135U0

Weight: 100 grams
Torque: 5.0 Ncm
Speed Range: 50-1,000 rpm
OTR Plus™ Technology
Set Includes: Motor, Contra Angle Head,
Charging Base



OTR PLUS™ TECHNOLOGY

- Highly optimized balance of safety and efficiency
- Torque-controlled, fully customizable design
- Intelligent reciprocation, which reduces the risk of file separation and torsional fatigue while optimizing cutting efficiency
- Programmable in both the Forward (CW) and Reverse (CCW) directions, allowing for complete customization of the file motion
- Programmable with over 40 unique file motions
- Optimized to enhance the performance of every Brasseler endo file system



▶ INTUITIVE

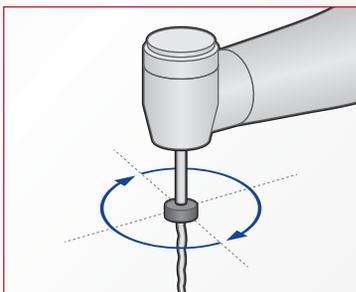
Highly intuitive disengagement, which optimizes both safety and efficiency; constantly measuring and adjusting performance as needed

▶ INTELLIGENT

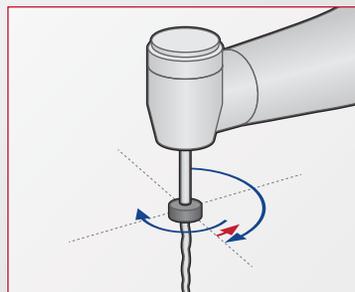
Pre-programmed for all of Brasseler's most popular endo file systems; allows for ease of use and takes the guesswork out of your root canal therapy

▶ INNOVATIVE

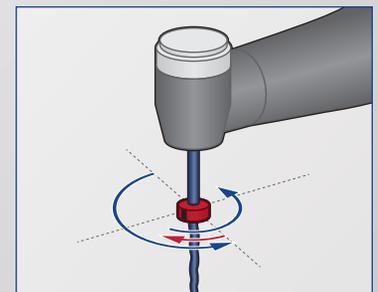
The industry's first and only torque-controlled, fully customizable design; works with traditional rotary files and reciprocating files, without locking the user into a fixed system, making it the most versatile endodontic handpiece on the market



Conventional rotary systems continually rotate in the forward direction and then auto-reverse the file out of the canal when reaching the torque limit, reducing efficiency.



Traditional Reciprocation file systems can only reciprocate back and forth without any regard for torque resistance. Torque is unmonitored in a pure reciprocation handpiece.

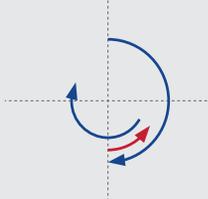
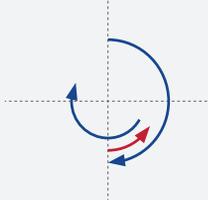
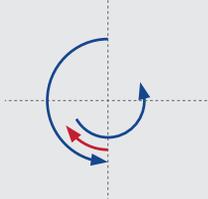
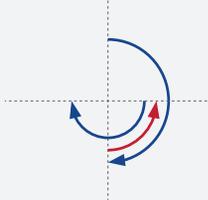
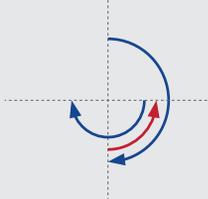
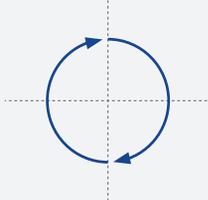


OTR Plus allows the clinician to utilize the benefits of reciprocation, while also optimizing cutting efficiency. Reciprocating only when necessary.

SETTINGS MADE SIMPLE

The EndoSync Plus has been designed and optimized to make every Brasseler file more efficient. This has been accomplished by fine-tuning both the Cutting and Non Cutting Angles for each and every Brasseler rotary file. From XP-3D to ESR to the original EndoSequence file, the EndoSync Plus will instantly make any Brasseler file better through increased efficiency and optimal safety.

All settings are adjustable; these displays are only presets

Memory	Mode	Torque (Ncm)	Speed (RPM)	Rotation/Direction	File/Usage
M1	OTR	0.6	500	180° CW (Cutting) 60° CCW (Non-Cutting) 	EndoSequence® ESX™ EndoSequence® CM EndoSequence® Scout KontrolFlex™
M2	OTR	0.2	500	180° CW (Cutting) 60° CCW (Non-Cutting) 	EndoSequence® Reciprocating Mode
M3	OTR	0.2	500	180° CCW (Cutting) 60° CW (Non-Cutting) 	ESR™ Mode
M4	OTR*	1.0	1,000	180° CW (Cutting) 90° CCW (Non-Cutting) 	XP-3D™ Mode
M5	OTR	0.6	300	180° CW (Cutting) 90° CCW (Non-Cutting) 	Traditional OTR (at 300 RPMs)
M6	CW (FWD)	1.0	500	Standard 	Standard

**Some users will choose to use XP-3D without OTR*

EndoSync™ A.I.

APEX LOCATOR

The EndoSync A.I. Apex Locator features the latest innovative design and technology in endodontic measurements, all encompassed in a lightweight, compact system. Equipped with automatic calibration, a memory bar, audible warnings, and a large LCD screen, the EndoSync A.I. delivers precision to meet your endodontic needs.

Order Number:
5025412U0

Weight: 110 grams
Size (mm): 60 (w) × 103 (d) × 57 (h)
Battery: DC 1.5V AAA
3 memory settings
Warranty: 1 Year



▶ SIMPLE

The lightweight, compact and portable design features an easy-to-operate panel with three memory settings.

▶ SAFE

With the latest technology in endodontic measurements, the EndoSync A.I. accurately determines the file's location in a variety of canal conditions. The accuracy is unaffected by the presence of blood, electrolytes, saline or irrigants in the canal.

▶ SMART

Automatically calibrates to meet canal conditions during treatment including changes to temperature and moisture with the ability to work in synchronization with both the EndoSync Plus and the original EndoSync Cordless.

SIMPLE. SAFE. SMART.

Connecting the EndoSync Plus Cordless to the EndoSync A.I. Apex Locator places a variety of automatic settings at your fingertips.

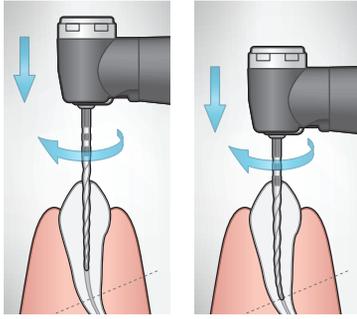


▶ SIMPLE

Color Display: When synchronized with the EndoSync A.I. Apex Locator, the LCD display of the EndoSync Plus Cordless changes color, along with the Apex Locator, to indicate the precise location of the file.

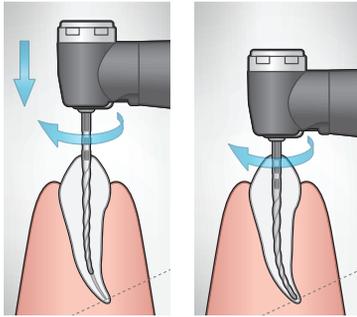


▶ **SAFE**



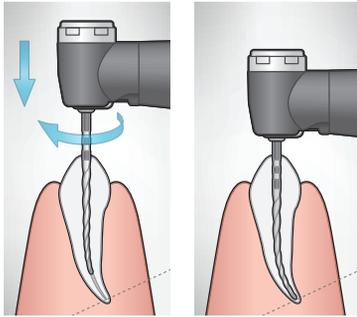
Apical Torque Reduction

Torque level is automatically reduced as the file approaches the apex.



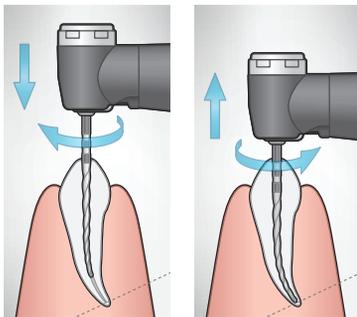
Apical Slow-Down

Rotation speed is automatically reduced as the file approaches the apex.



Apical Stop

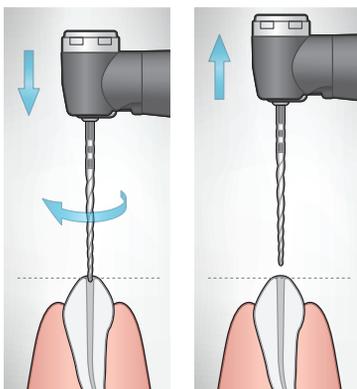
The file stops rotating when the apex has been reached.



Apical Reverse

The file rotates in the opposite direction when the apex has been reached.

▶ **SMART**



Automatic Start-Stop Function

When synchronized with the EndoSync A.I. Apex Locator, Auto Start and Stop options can be enabled. Rotation begins when the file enters the canal and stops when removed.

EndoSync™ PLUS ACCESSORIES



EndoSync Plus
Motor Only*
5027418U0



EndoSync Head Only*†
5025561U0



Power Supply Cord* †
5025564U0



Built-In Electrode
with Guide Bur* †
5025560U0



Transmission Cable†
5025552U0
*Required for connecting
to EndoSync A.I.*

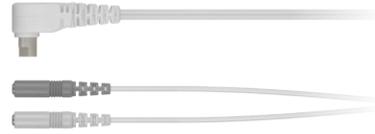


Battery*†
5026034U0



EndoSync Oil*†
5025559U0

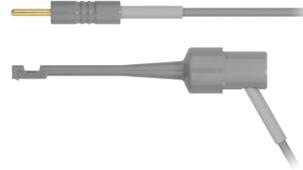
EndoSync™ A.I. ACCESSORIES



Probe Cord*
5025557U0



Contrary Electrodes*
5025554U0
5/Pack



File Holders*
5025553U0
5/Pack



Function Tester*
5025555U0



Long File Holder
5025558U0



Battery Cover*
5025556U0

*Replacement accessory. Included in set.
† Also Compatible with the Original EndoSync Cordless

Visit our website at BrasselerUSA.com

To order call 800.841.4522 or fax 888.610.1937. In Canada call 800.363.3838

