

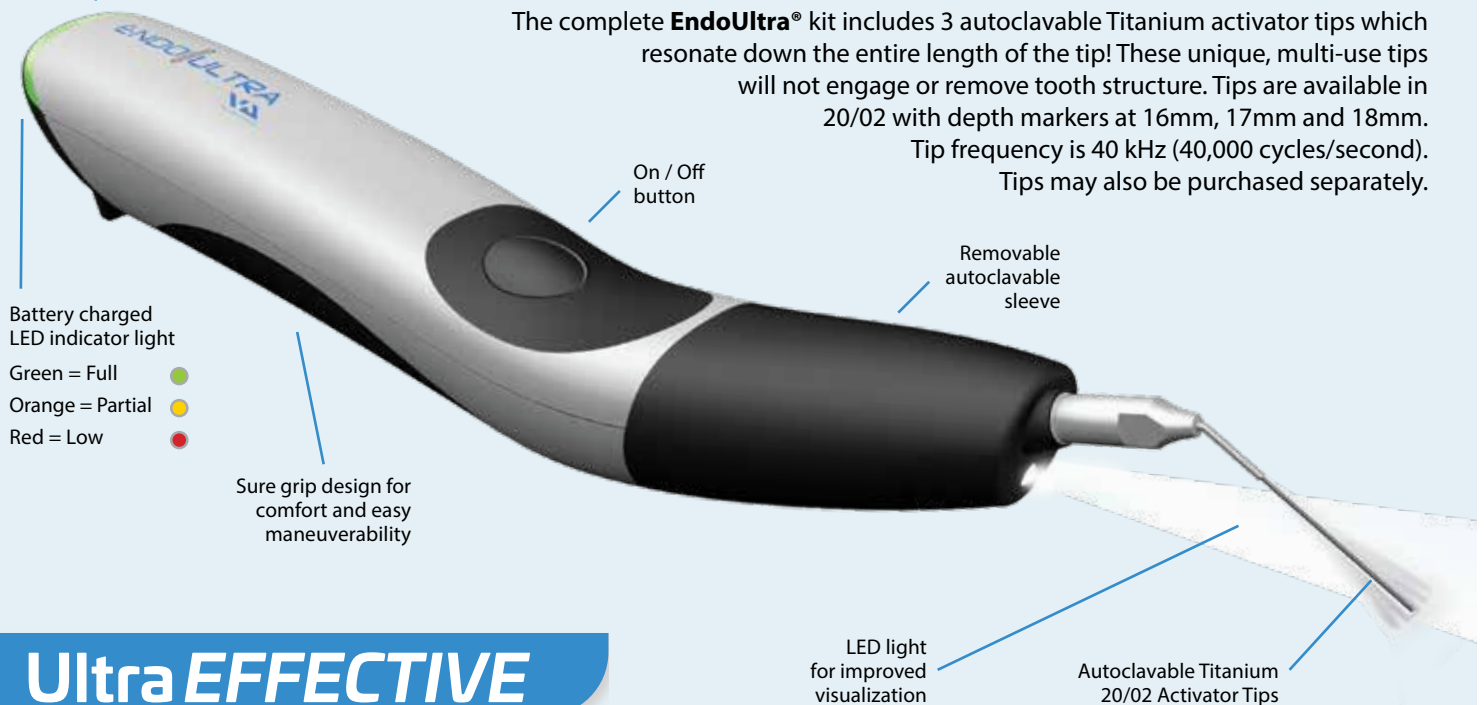
ENDO|ULTRA®

The **EndoUltra® Cordless Handheld Device** produces ultrasonic tip frequency of 40,000 Hz (200x faster than sonic devices)!

EndoUltra® by Vista Apex harnesses ultrasonic technology in a compact, easy-to-use and cordless handheld device! **EndoUltra®** is the only cordless activator unit capable of generating the tip frequency (40,000 Hz) required to create sufficient acoustical streaming and the cavitation necessary to effectively clean, penetrate and remove vapor lock.

The complete **EndoUltra®** kit includes 3 autoclavable Titanium activator tips which resonate down the entire length of the tip! These unique, multi-use tips will not engage or remove tooth structure. Tips are available in 20/02 with depth markers at 16mm, 17mm and 18mm. Tip frequency is 40 kHz (40,000 cycles/second). Tips may also be purchased separately.

Cordless easy-to-use, ultrasonic activation



Battery charged LED indicator light

Green = Full
Orange = Partial
Red = Low

Sure grip design for comfort and easy maneuverability

On / Off button

Removable autoclavable sleeve

LED light for improved visualization

Autoclavable Titanium 20/02 Activator Tips

Ultra **EFFECTIVE**

Better penetration to every part of the canal!

Ultra **EFFICIENT**

Better cleaning in less time!

Ultra **SONIC**

Better acoustic streaming with cavitation!



VISTA | APEX



SCAN THE QR CODE TO GO DIRECTLY TO THE PRODUCT LISTING
VISIT VISTAAPEX.COM | CALL TOLL FREE 877.418.4782

SEE WHY SCIENTIFIC EVIDENCE SUPPORTS ULTRASONIC TECHNOLOGY.

Vista Apex, the industry leader in endodontic irrigation, is proud to offer **EndoUltra**® — the world's first cordless ultrasonic dental device! **EndoUltra**® offers **best-in-class ultrasonic activation of irrigants**.

Research Shows -

Conventional hand instrumentation leaves as much as 35% of the canals untouched. Irrigation, although an important part of the canal disinfection and debridement process, cannot in itself be relied on to optimize canal cleanliness.



Variances in the morphology of canals dictate that even the best instruments only touch a part of the canal space.

GREEN – areas that have not been treated with endodontic instruments and remain infected leading to failures/retreatments.

RED – areas after preparation that have been treated by hand or rotary instruments.

Image courtesy of Dr. Marco Versiani

Proper irrigation protocol should include the use of enhanced endodontic solutions to facilitate removal of microorganisms, tissue remnants, and dentin chips from the root canal. Vista Apex offers a complete line of enhanced irrigation solutions that have been tested and proven for superior outcomes.

ENHANCED IRRIGATION PROTOCOL

Chlor-XTRA™
SmearOFF™ 2-in-1

GOLD STANDARD PROTOCOL

Sodium Hypochlorite 3% or 6%

EDTA

CHX-Plus™

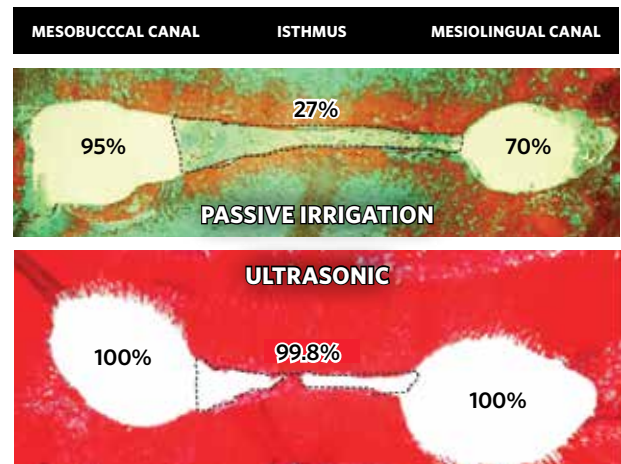


Ultrasonic vs Sonic Studies Prove -

- That passive needle activation and even low frequency (sonic) oscillation (160-190Hz) is simply not sufficient in producing acoustic streaming or cavitation within the canal space.
- That activation by means of ultrasonic frequency (30 kHz) not only generates increased acoustic streaming and cavitation, but results in significantly improved debridement of canal spaces and improved penetration of irrigants into dentinal tubules.

Tooth Cross Section

Showing cleaning efficacy of canals and isthmus



Percentages = amount of tissue dissolved

Green color = remaining pulp tissue



SCAN THE QR CODE TO GO DIRECTLY TO THE PRODUCT LISTING
VISIT VISTAAPLEX.COM | CALL TOLL FREE **877.418.4782**