

Ultra X

Cordless Ultrasonic Activator

Available Tips

| Size | Length(mm) |
|--------|------------|
| #20 2% | 18 & 21 |
| #25 2% | 18 & 21 |



X Gold
Super Powerful



X Blue
Flexible



X Silver
Soft & Flexible



Autoclavable
Tips



Smooth
Surface
Finish



Flexible
Tips



Multiple Tip
Options

*Only X Blue & Silver are
Flexible Tips

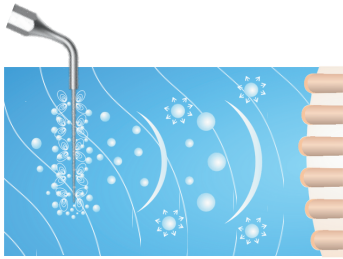
In Action

Cavitation Effect

It is the process of formation of millions of gas bubbles in the irrigation solution. These gas bubbles grow in size, oscillate in different directions and explode into the liquid, producing powerful cleaning action

Acoustic Streaming

It is a unidirectional flow of liquid produced by ultrasonic waves. Movement of tip produces special effect called acoustic turbulence which accelerates the movement in liquid inside the root canal



Indication

Smear Layer Removal

Effective in removal of smear layer and unplugging of dentinal tubules

Dentin Chips Removal

Ultrasonic agitation forms suspension of residual dentinal chips and tissue remnants with irrigant and facilitates their easy removal

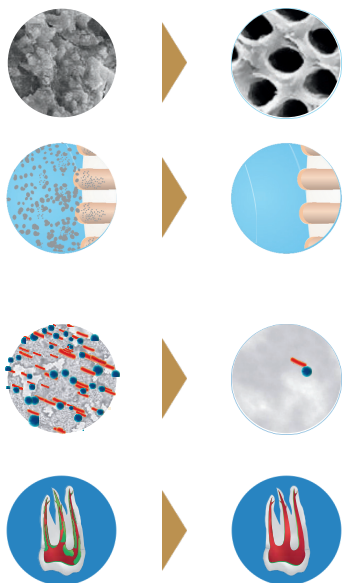
Indication

Biofilm Disruption

Ultrasonic cavitation disrupts the biofilm and helps to reduce bacteria load in the canal

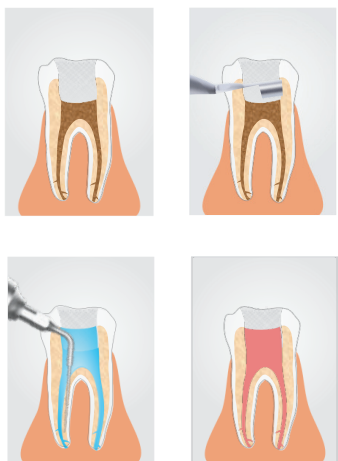
Cleaning of Complex Anatomy

Ultrasonic activation helps irrigants to flush into undetected or un-instrumented canal anatomy like isthmus, fins, lateral canals, apical ramification etc. Also helps to remove vapour lock



Protocol

- Prepare the root canal up to required size with the help of shaping and finishing instruments
- Choose the desired disinfectant and flushing agents for cleaning, debridement and disinfection of canals
- Fill the chosen irrigation solution into the canal, never run Ultra X without irrigating solution
- Select the Ultra X tip of desired size and length which passively fits into canal, always keep 2 - 3mm short of apex
- Activate solution using short vertical up & down strokes for 30 seconds. Be careful to not breach apical 2mm
- Use the device gently and never apply pressure or wedge the tip inside the canal. If any points of resistance, then retrieve the ultrasonic tip
- Replenish the irrigating solution, use suction to remove the loose debris. Repeat the cycle 4 to 5 times
- Completely dry the canal and fill it with choice of obturation material It is always recommended to isolate the tooth using rubber dam and use personal protective barriers like head gear, mask, eyeglasses etc





Key Features



Ultrasonic
Activation Device



45 kHz High
Frequency



Two Power Modes
with LED Indicator



Contra-angle
Design



Application Based
Multiple Tips



1500 mAh
Powerful Battery



Light Weight &
Ergonomic



Cordless
Irrigation Device

Battery



1500 mAh
Lithium Battery



Battery Level
Indicator



4.5 Hrs of
Continuous
Operation



Option of Direct
Plug & Play



AB MED INC.

Address: 6021 Yonge Street, Unit 319
Toronto, Ontario, Canada M2M 3W2
Email: custserv@abmed.ca
Phone: +1 905-288-8199

