

SurfyOne Sonic Activator

SurfyONE

Sonic Power, Clean Beyond Limits



Eighteenth

SurfyOne Sonic Activator

It uses a brushless motor as a power source to drive the polymer working tip to vibrate at high frequency, thereby generating energy

Dual Functionality

Sonic activation: High-frequency vibration drives rapid fluid exchange, effectively flushing out smear layers and debirs

Bioceramic sealer delivery: Assists in delivering bioceramic sealer with greater precision for enhanced filling density without voids



Mini Head, Wider and Clearer Field of View under the Microscope



Advanced Brushless Motor, Longer Service Life, Providing Stable Power Support for Treatment



Rechargeable Lithium Battery, Long-Lasting Power, Eco-Friendly and Cost-Efficient

Six Optional Working Modes

Working Mode	Indicator Light	Vibration Frequency	Power	Usage Scenario
Sonic Activation Mode		100Hz	0.7W	Sensitive Type, Suitable for Patients with Tooth Pain, Sensitivity or Loose Teeth
		200Hz	2.7W	Comfortable Type, Standard Activation Mode for Regular Use
		250Hz	7.5W	Cleaning Type, Highly Efficient for Liquid Activation
		400Hz	7.5W	Deep Type, Suitable for Teeth with Multiple Lateral Root Canals
Bioceramic Sealer Delivery Mode		40Hz	0.61W	Standard Setting, Suitable for Assisting Bioceramic Sealer Delivery in Regular Root Canals
		60Hz	0.65W	Suitable for Assisting Bioceramic Sealer Delivery in Curved and Complex Root Canals

SURFYONE

Sterilizable Medical-Grade Tips



Flexible Polymer Material

Enhanced canal conformity with superior breakage resistance



Willow Leaf-Shaped Flat Design

Maximizes fluid contact for superior activation efficiency



Innovative 360° Auto-Rotating Tips

Allows single-handed operation to easily rotate the tips

Size	Taper	Length	Amount	Marked Area	Application
15	02	17mm	5 pieces	16mm	Narrow curved root canals
15	02	21mm	5 pieces	18mm/19mm/20mm	Narrow curved root canals
25	04	17mm	5 pieces	16mm	Large regular root canals
25	04	21mm	20 pieces	18mm/19mm/20mm	Large regular root canals
25	04	25mm	5 pieces	18mm/19mm/20mm/22mm	Large regular root canals

*1502 Tip: White 2504 Tip: Red



Technical Specifications

Handpiece Size	25*23*176mm
Head Size	φ10mm
Weight	110g
Battery Capacity	1400mAh Lithium Battery
Charging Time	4h
Battery Life	300 Times of Use Per Full Charge in Sonic Activation Mode at Level 1, with Each Use Lasting One Minute
Power	0.7-7.5W for Root Canal Activation Mode, 0.61-0.65W for Bioceramic Sealer Delivery Mode
Working Frequency	40Hz-400Hz

*The 100 uses number of SurfyOne is based on internal testing. Due to differences in actual usage scenarios, operating methods, and other factors, the specific numbers may differ. Please refer to actual usage conditions for accuracy.

