

ULTRASONIC CUTTER

HONDA ZO-41PLUS

Blade of ultrasonic cutter is vibrated in ultrasonic frequency by internal ceramics transducer. The microscopic and high-speed motion of the blade has strong effect and blade moves much smoother with light force. Tough material that require strong force to cut becomes unbelievably smooth.

POWER
HIGH MODE

Smooth
TAF oscillation circuit

Durable
Temperature sensor



Features

- Newly integrated High mode boosts the power of cutting (5 minutes duration).
- Unique "TAF" circuit keeps the output power stable and powerful.
- Not likely other models, no need to keep holding down the operation switch on the handpiece switch (turns off automatically after 10 minutes operation).
- High speed vibration, 40,000 cycle per second (40 kHz) assists smooth cutting with less pressure force.
- Main unit has handpiece holder. Handpiece settles safe while not in use.



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Applicable material and thickness (reference)

- Synthetic resin, Plastic. Epoxy putty, Paper, Cardboard,
 - Chemical fiber/ cloth, Polyester putty, 3D printed material, Silicone
 - Thickness: 3 mm maximum
- The cutting experience described above may vary by the environment and hardness of the material.

For the material not listed above, please contact us, before you try.



Model		USW-335Ti	
Generator	Oscillation Mode	Self-activating oscillation	
	Max. Power Output	30 W	
	Oscillation Frequency	22 kHz	
	Power Supply	Option 1: 100VAC +/- 10% 50/60 Hz 100 VA	
		Option 2: 110VAC (USA)	
		Option 3: 230VAC (Europe)	
	Dimension W x D x H (mm)	Aluminum Case: 230 x 275 x 120	
	Weight	3.1 kg	
Cable length	1.5 m		
Protection Instrument	Thermostat		
Operation Switch		Foot pedal with switch cord (1.5m)	
Hand Piece	Transducer type	Bolt clamped Langevin transducer	
	Dimensions (mm)	D=25 x L=190	
	Weight	0.170 kg	
	Cable Length	Output cable: 1.4 m	

Accessories:

- Standard blade (HA04) x40
- Blade fixture (HK02) x1
- Blade fixing screw (HB03) x3
- Hexagon wrench (RR02) x1
- Transducer : Bolt-clamped Langevin type
- Operation switch: Push switch (handpiece), Main switch (main unit)
- Operation condition: temperature - 5 to 35 deg C, Rel. humidity - 20 to 70 %
- Protection: Thermostat
- Handpiece cord length: 1.6 m

Option:

- Carbide blade (HA07) x1
- Square blade (HA08) x1
- Long blade (HA09) x1
- Round up blade (HA10) x1
- Blade fixing screw (HB03)x3
- Hexagon wrench (RR02) x1
- Cutter mat (CM01/CM02)
- Maintenance kit (SB01/SB02)
- Goggle (ZH13)

