



USW-334 Small Ultrasonic Cutter

FEATURES

- Ultrasonic cutter using 40,000 ultrasonic vibrations per second with non-audible sound to assist in reducing the friction during the cutting process.
- Most improved version of Honda Electronics model USW-333. The new USW-334 includes the following improvements:
- Use of Titanium for the horn oscillator.
- Improvement in the screw blade clamp.
- Change of the blade design to a generic product to provide low cost on blade replacements.
- Increase on the speed vibration (about 20% higher).

APPLICATIONS

Ultrasonic cutting of plastics, rubber, foam cutting patterns, cutting boards, etc. Used for modeling, radio control, doll making, model sailboat, hobby and craft making.

Examples of cutting with thick plastic cutting board (estimate)

ABS: less than 3mm

PET: less than 3mm

PP: 3mm acrylic

Results may vary with the type of material. Please consult us in advance.

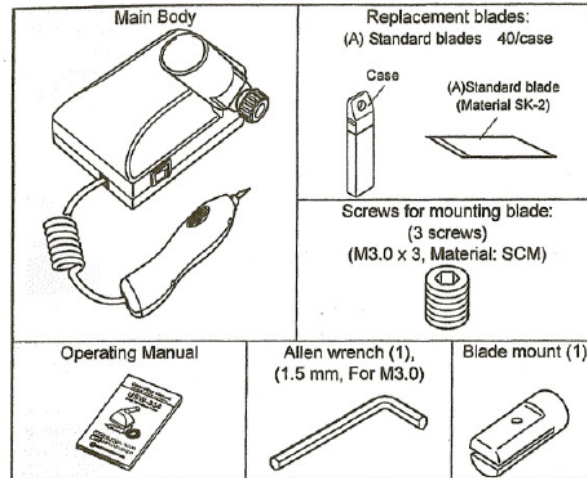
SPECIFICATIONS	
Oscillation frequency	40kHz
Maximum output	20W
Maximum power Consumption	25VA
Power	AC 100V 50/60Hz (Require a 120V/100V transformer for USA operation or 220V/100V for Europe operation)
Dimensions (mm)	Transmitter: 134 x 101 x 68 (not including protrusion) Hand-Piece: D=34 x L=124 (excluding blade)
Temperature	5 °C ~ 45°C
Circuit Protection	Over-temperature thermostat circuit Thermal shutdown if temperature is above 70°C
Weight	Transmitter (body): Approx. 420g Hand-piece: About 120g (including output cord)
Power Cord	1.4m
Output Cord	50 cm (Spiral cord)



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STANDARD USW-334 PARTS




OPTIONAL PARTS FOR USW-334

Article	Model Code	Units per case	Material	Description	
Blades	Standard Blade	HA04	40 units	SK2 (carbon tool steel).	
	Ultra Hard Blade	HA07	1 unit	Tungsten Carbide	
	Square-shaped Blade	HA08	1 unit	SKH	
	Long Blade	HA09	1 unit	SKH	
	Round-edge Blade	HA10	1 unit	SKH	
Blade Clamp	HK02	1 unit			



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Screw for mounting blade	HB03	1 unit	
Allen wrench	RR02	1 unit	