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## Industrial Equipment

### USW-337

Cutting, Welding, and Others

### Ultra saw USW-337

Ultrasonic vibration applied to the saw blade reduce the cutting resistance and easens the cutting work for har material



#### Features

- USW-337 enables the cutting of epoxy resined printed circuit board that was not possible with the conventional ultrasonic cutter.
- By the high-speed vibration of 22,000/sec., possible to cut smoothly and to see the nice-looking cut surface
- Reduced the amount of dust during the work compared to router.
- The hand pipece is much smaller than router and realized easy handling.
- Specially designed hand carry case stores components nicely.

#### Application

- Cutting of soft metal such as Alminumor Copper
- Cutting out the electric parts from PCB for the case of neccesity of analysis.
- Cutting of prepregs made of carbon fiber, glass fiber, aramid fiber and so on.

Model		USW-337
	Oscilation mode	Self-activating oscillation
	Max. power output	10W
	Oscillation frequency	22kHz
	Power supply	

<b>Generator</b>		100 VAC $\pm 10\%$ 50 / 60 Hz 20 VA
	Dimension W x D x H (mm)	50 x 220 x 170
	Weight (kg)	3.56
	Cable length	1.5 m
	Protection instrument	Thermostat
<b>Hand piece</b>	Operation switch	Foot switch
	Transducer	Bolt clamped Langevin transducer
	Dimension (mm)	$\phi 25 \times 190$
	Weight (kg)	0.2
	Cable length	Output cable: 1.5 m

□ Package contents

Main unit  
 Standard blades : NHA01 (3 pcs.)  
 Blade fixing tool : HK02 (3 pcs.)  
 Blade fixing screw : HB04  
 Hex wrench : RR03  
 User's manual  
 Foot switch  
 Power cable (1.5m)  
 Carrying case

Mechanical drawing



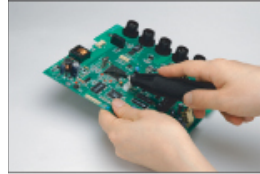
Optional parts



Application sample



カーボン  
Carbon component



基板上的部品  
Electric component on PCB



アルミ  
Aluminum part

Industrial Equipment TEL:81-532-41-2774

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