

# Sonic Cutter ZERO



## Sonic Cutter ZERO Controller

- A : Power level indicator  
 B : Indicator (Display the amplitude, WATT and ERROR)  
 C : UP key / DOWN key  
 D : ERROR / WATT  
 E : ON / OFF key (Start and stop the handpiece)  
 F : Main power switch



Sonic Cutter ZERO is not compatible with Sonic Cutter.

- Oscillation frequency 38 kHz - 40 kHz and Max. output power 30 W achieves powerful cutting.
- A digital LED display indicates the watt and amplitude level clearly.
- LED display enhances visibility and prevention of misoperation.
- Heat protection function is equipped for a higher level of safety.

### Specifications

Oscillation frequency: 38 kHz - 40 kHz  
 Frequency control: Auto-tracking system  
 Outputs: 30 W  
 Output adjustment: 21 steps variable  
 Rated input: AC 100 - 240V  
 Weight: 1.4 kg  
 Dimensions: W 161 x D 256 x H 84 mm

### Standard accessories

- Spare fuse (T1.6AH 250V): 2 pcs.
- Main power cord (2 m): 1 pc.  
 (Plug type: 120V or 230V)

Code No.	Model
<b>7785</b>	<b>Sonic Cutter ZERO Controller 120V</b>
<b>7786</b>	<b>Sonic Cutter ZERO Controller 230V</b>

\*Adapted the worldwide power supply, 100 - 240V.  
 Please choose the plug type of main power cord.

## Sonic Cutter ZERO Handpiece



Sonic Cutter ZERO is not compatible with Sonic Cutter.

- The vibration is not transmitted to the users' hand to enable a desired cutting result.
- Heat protection function enables continuous use without any concerns of overheating.
- Sonic Cutter ZERO handpiece performs sharp cutting and makes beautiful cutting surface.

### Specifications

Oscillator: Bolt-clamped Langevin type  
 Setting the blade: screwed the blade W 4 mm x thickness 0.38 mm  
 Length of cord: 3 m  
 Weight: 120 g (excluding cable)  
 Dimensions: Max.  $\phi 25$  x L 166 mm

### Standard accessories

- Spare blades (BDC-200P 30°): 40 pcs.
- Hexagon wrench (2 mm): 2 pcs.
- Spare set screws (M4 x P0.7 x L4): 4 pcs.
- O-ring: 1 pc.

Code No.	Model
<b>7787</b>	<b>US-40C</b>

## Sonic Cutter ZERO Spare Parts

Product	Code No.	Description
	<b>8103</b>	FC-24 Foot switch (ON/OFF switch only)
	<b>BDC-200P</b>	Spare Blade Made by NT Incorporated Spare blade is available at a shop near you.

**Sonic Cutter ZERO is a high performance cutter applying ultrasonic vibration at a rate of 38,000 - 40,000 times per second. The easy to maneuver razor sharp cutting edge enables delicate work even on complicated shaped objects. Ultrasonic vibration provides a sleek and precise finish.**

### Improved visibility

The digital LED display on the controller clearly shows the status of the operating function. The Green LED on the handpiece will indicate whether the power is ON or OFF.

### Lighter weight

The weight of the controller has been reduced by 46% compared to the previous model. (Sonic Cutter: 2.6 kg → Sonic Cutter ZERO: 1.4 kg)

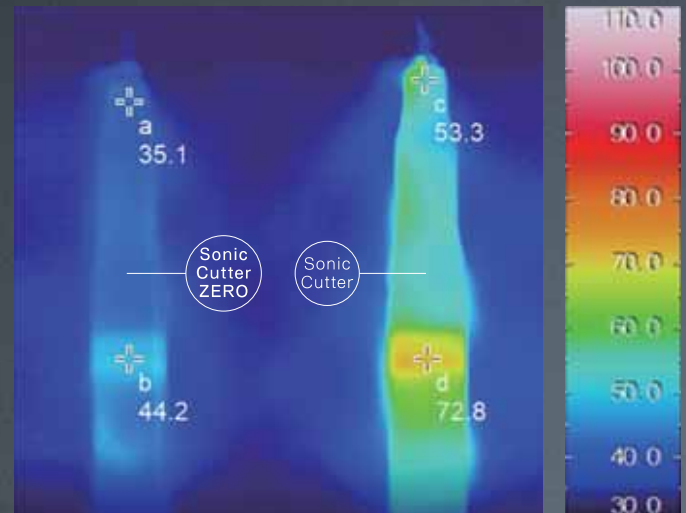
### Overheat protection function

The overheat protection function enables continuous use. When a specified temperature is detected, the output will be automatically adjusted to suppress the temperature from rising. If the excessive heat is detected, the controller will stop operating for safety.

■ Adapted the worldwide power supply, 100 - 240V

### Reduction of heat level in handpiece

Improvements in the transducer achieved a lower heat level by 28.6 degrees Celsius maximum compared to the previous model.



## Sonic Cutter ZERO SET



- Especially effective for cutting complicated and precise shaping. (For cutting fabrics, latex, films, plastics, urethanes and PCB pattern retouching, etc.)
- Efficient for cutting, clipping and deburring of various thin materials.
- An accurate and sharp cut can be ensured as there are no annoying vibrations felt on the handpiece.

#### Standard equipment

- Controller: 1 pc.
- Handpiece: 1 pc.
- Spare blades (BDC-200P 30°): 40 pcs.
- Hexagon wrench (2 mm): 2 pcs.
- Spare set screws (M4 x P0.7 x L4): 4 pcs.
- Spare fuse (T1.6AH 250V): 2 pcs.
- O-ring: 1 pc.
- Main power cord (2 m): 1 pc. (Plug type: 120V or 230V)

Code No.	Model
7782	US-40C Set 120V
7783	US-40C Set 230V

\*Adapted the worldwide power supply, 100 - 240V. Please choose the plug type of main power cord.



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