



MODEL

USW1521G6Y
USW3021G6Y



Tool can be exchanged by screw



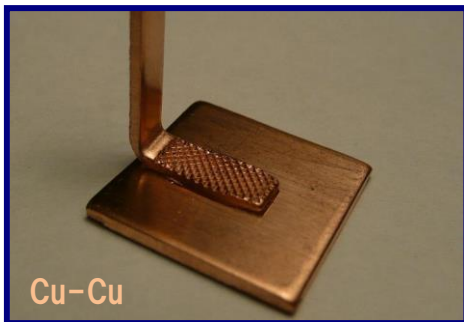
Wide varieties of oscillation trigger

- Start (start switch)
- Load (programmable)
- Distance (programmable)

Able to soft start

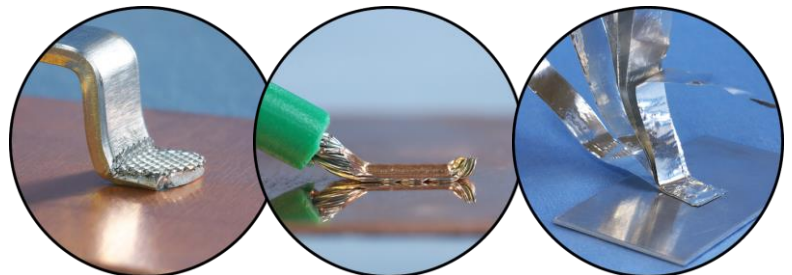
Variable amplitude flexibly

sample



Cu-Cu

- Terminal bonding
- Terminal processing of wire rod
- Deep access for power modules



Cu-Al

Cu-Cu wire

Al-Al foil

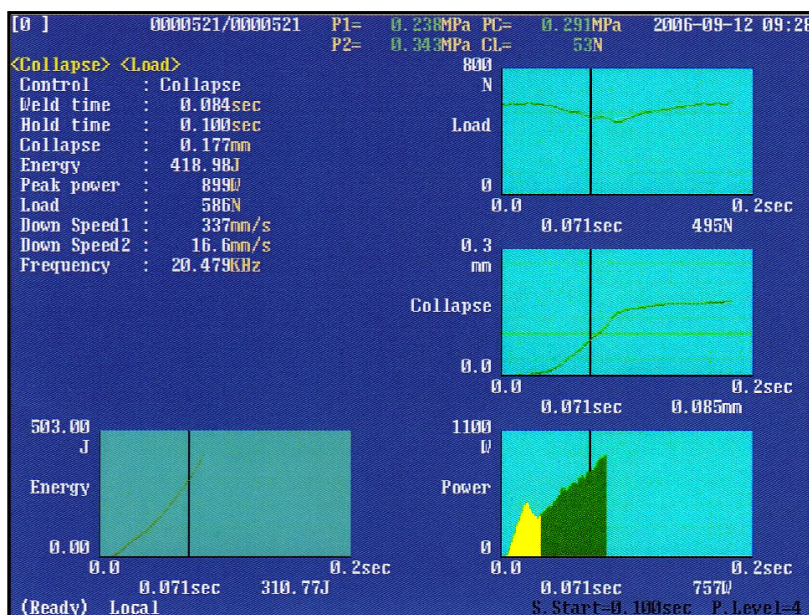


USW1521G6Y/USW3021G6Y

Major specification

		USW1521G6Y	USW3021G6Y
Ultrasonic Generator	Oscillation	Auto-chasing frequency PLL oscillation control	
	Power	1500W	3000W
	Frequency	21kHz	
	Oscillation Trigger method	<ul style="list-style-type: none"> Start (start switch) Load (setting range 50N~1500N) Distance Touch (Workpiece touch detection) 	
	Max oscillation time	Max 4sec (Varies by condition)	
	Power source	Three phase 200V±10% (50/60Hz) 2000VA	Three phase 200V±10%(50/60Hz) 4000VA
	Dimension	483(W)×537(D)×177(H)mm	483(W)×577(D)×177(H)mm
	Mass weight	Approx. 21 kg	Approx. 25 kg
Body	Force method	Air-press method	
	Air Cylinder	φ63mm (Able to change cylinder size)	
	Pneumatic source	0.15~0.7 Mpa (Depends on cylinder size and supplied air pressure)	
	Force range	300~1500 N (φ63mm cylinder)	
	Dimension (Exclude projection)	Approx. 700(W)×800(D)×1670(H)mm	
	Mass weight	Approx. 180 kg	Approx. 184 kg

Display screen




- Color display
- Menu and multi-graph display
- Judging function
 - ◆ Timer judging
 - ◆ Sink judging
 - ◆ Energy judging
 - ◆ Electric power judging
 - ◆ Force judging
- Control method (Oscillation stop)
 - ◆ Time
 - ◆ Sink
 - ◆ Energy
- Wave monitor logging
 - ◆ USB port for data logger available
 - ◆ Software for logging bonding condition and waveform data of every bonding point available.



Caution: Please read user's manual carefully before using.

※The specification and outer dimensions are subject to change without prior notice for improvement.

<http://www.cho-onpa.co.jp/> Latest information available

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