

ULTRASONIC SOLDERING MACHINE

# SUNBONDER USM-28



## FEATURES

- Tip size is as large as 50mm × 10 mm suitable for spatter target soldering.
- With automated frequency adjuster, SUNBONDER USM-28 provides constant ultrasonic cavitations regardless of the fluctuation of burden.
- The compact size and lightweight make it very portable and easy to store.

## SPECS

- Oscillator  
Ultrasonic Oscillation Frequency: Frequency automatic tracking, Cavity Control 28 KHz ± 5 KHz  
Ultrasonic Power Output: Rating 180W (max.)  
Tip Temperature: Arc control with SCR max. 350°C  
Ultrasonic Power Control: Adjustable with Sly Duck  
Tip Temperature Control: Infinite number of setting  
Power Requirements: AC100V ± 5% 50/60 Hz 500VA (max.)  
Control Unit Dimensions: 215mm (W) × 105mm (H) × 265mm (D)  
Control Unit Weight: approximately 5 kg
- Handle  
Transducer: Bolt clamping Langevin type 28KHz  
Tip material: High tension titanium alloy  
Heater: High performance sheath heater 200W  
Transducer cooling method: Micro fan enforced air cooling  
Handle Dimensions: φ56 mm (max) × 300 mm (Iron Handle)  
Handle Weight: approximately 1 kg

Manufactured by KURODA TECHNO CO., LTD. (Tokyo, Japan)

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