

Ultra-precision Mold
Padding Welder

WELD PRO SW-V02

Patent Pending

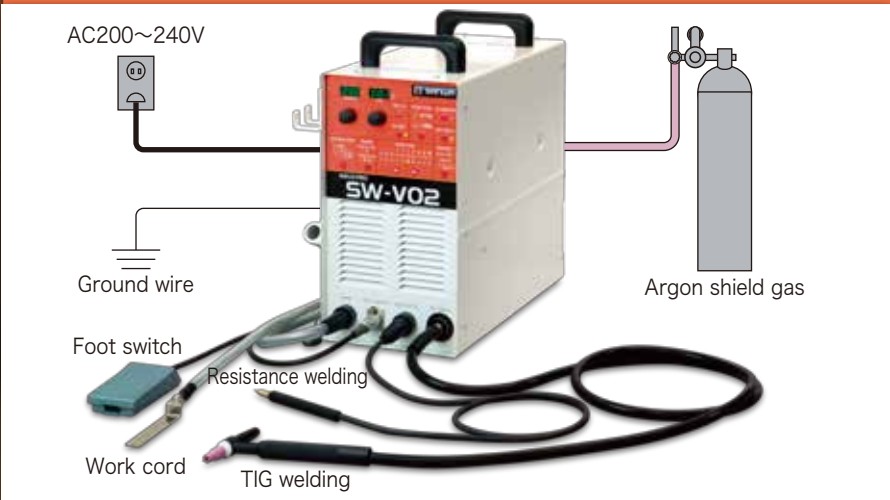
SANWA



Configuration

- 1. Tool box
 - 2. Foot switch
 - 3. Gas hose
 - 4. Output cord for resistance welding : for $\phi 13\text{mm}$
Hand piece for resistance welding : for $\phi 2 / 3\text{mm}$
 - 5. Output cord for resistance welding : for $\phi 18\text{mm}$ 用
Output cord for resistance welding : for $\phi 5\text{mm}$ 用
 - 6. Silver tungsten electrode for resistance welding
 - 7. Torch cord for TIG welding
 - 8. Tungsten electrode for TIG welding $\phi 1.6\text{mm}$
 - 9. Work cord
 - 10. Metal cutter
 - 11. Aramid gloves
- ※ A gas pressure adjuster shall be attached to products for domestic use only.
※ Either 4 or 5 shall be attached as standard configuration.

Wiring diagram



Specifications	Resistance welding	TIG welding
Input Voltage	Single Phase AC200~240V 50/60Hz	
Rated Output Current	10.4 kVA (Peak value) 2.8 kVA (Average value)	
Maximum Voltage of No-Load	-----	approx.76V
Output Current	30~750 A	2~250 A
Welding Time	1~30ms	1~600ms
Repetition Period	400ms	0.1~2.0s
Applicable Wire Size	$\phi 0.1 \sim 2.0\text{mm}$	
Control Method	Inverter Method	
Cooling Method	Forced air cooling	
Dimensions	W 204 X D 425 X H 390 (mm)	
Weight	23.8kg	

●The design and specifications are subject to change without prior notice for product improvement.

⚠ Safety Remarks

The operation, maintenance, and inspection of this product must only be conducted by a specialist thoroughly familiar with the product.

Manufacturer
And Seller

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WELD PRO SW-V02

The Mission of V Ever-Advancing Evolution



SANWA SHOKO CO.,LTD.

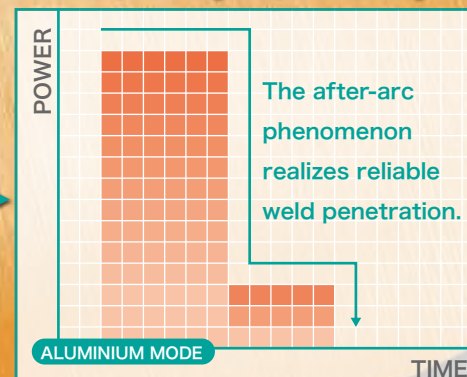
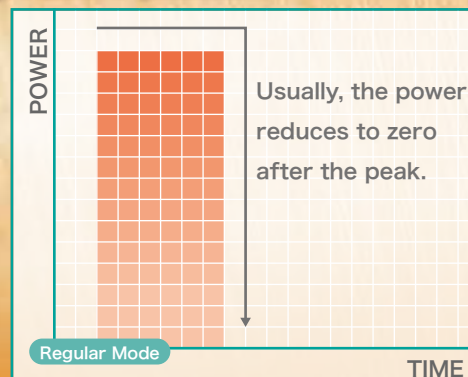
WELD PRO SW-V02

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Advanced Welding Navigation that leads ultra-high precision welding to a higher dimension

ALUMINIUM MODE

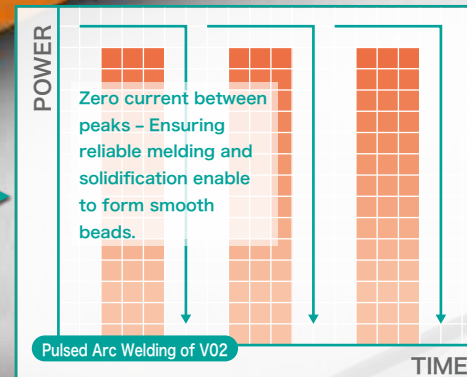
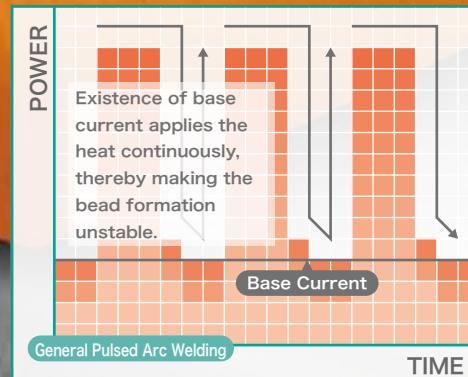
Making the impossible possible



Considering the characteristics of aluminum where rapid heat diffusion is generated, more reliable weld penetration has been achieved by activating precision inverter control to slightly generate the after-arc phenomenon (remaining heat) after melting.

PULSING

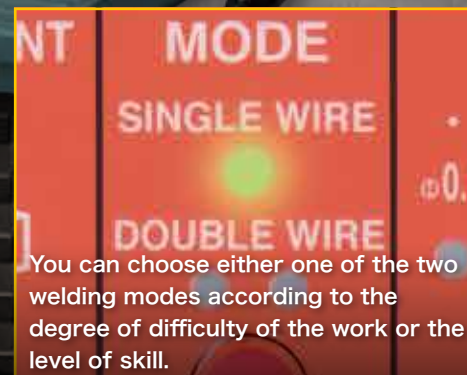
Achieving the zero base current,
thereby ensuring stable welding for longer distance.



For general pulsed arc welding, the base current exists between peaks, and continued heating causes shrinkage and deformation. With our Model V02, smooth, even beads can be formed by reducing the peak-to-peak current to zero.

SINGLE • DOUBLE WIRE

Two setting modes selectable according to welding methods



TIG Welding + Resistance Welding

High performance welder

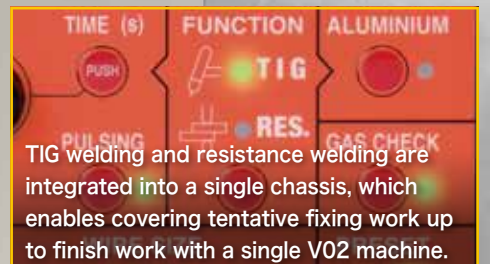
Responding to skills of experienced welder, while supporting beginners

The WELD PRO SW-V Series models have evolved where the functions of TIG welding that enables ultra-high precision and resistance welding that is convenient for tentative fixing and simple repair are integrated into one welding machine. The series models feature the more user-friendly Weld Navigation that leads precision welding to a higher dimension, and the Aluminium Mode that enables precision welding of aluminum

that is currently assumed to be difficult. Furthermore, the varieties of functions that assist the various scenes of welding support beginning welders, and high-level performance that has been accumulated after each version upgrade responds to the skills of experienced welders. Why don't you physically feel the sophistication and the evolution that open up a new era in ultra precision padding welding machines?

FUNCTION

Combined use of TIG & RES.



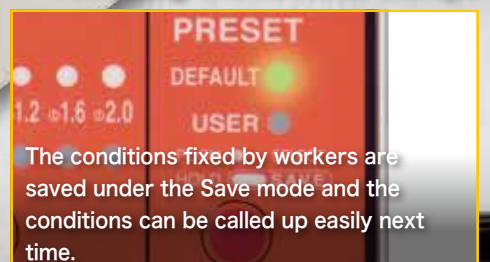
WELDING POINT

Easy calling up of the adequate setup



PRESET

Presetting the favorite setups



WIRE SIZE

From ultra-fine welding material to buildup welding

