Ultra-precision Mold Padding Welder WELDPRO SV-V02

Patent No. 6712967

Configuration

SANWA



1. Tool box

- 2. Foot switch
- 3. Gas hose
- 4. Output cord for resistance welding : for ϕ 13mm Hand piece for resistance welding : for $\phi 2$ / 3mm
- Output cord for resistance welding : for ϕ 5mm用
- 6. Silver tungsten electrode for resistance welding 7. Torch cord for TIG welding
- 8. Tungsten electrode for TIG welding ϕ 1.6mm
- 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.

Broad Application Range

- ■Plastic mold ■Die casting mold ■Press mold ■Glass mold
- Blow mold Rubber mold Copper alloy mold etc..

Diverse Purposes

Parting line part, slide edge areas where shocks are applied

- Pin-gate areas, tunnel-gate areas
- Repair of elector-holes, thin edge areas
- Smoothing pinholes and surface depressions after argon welding Padding after electric discharge machining, nitriding,

I		Wire 5m								Hard- ness
I		φ1.6	¢1.2	φ0.8	φ0.6	φ0.4	φ0.3	φ0.2	φ0.1	HRC
I	NAK-80									40~42
I	NAK-55									40~42
1	HPM-50						0			40~42
	HPM-38				0		•	•	•	52~55
	HPM-2			•	•		•			28~31
	STAVAX			•	•	•		•		52~55
	RIGOR			0	0	•	0			52~55
	IMPAX			0	0					30~33
	NICKEL			•		•	•			15~20
l	S50C(5m)		1	0	0		•	•		28~32
	SKD-61			0	•		0	•		40~42
	ORVAR						•	•		40~42
	MAS-1	•	•	•	•	•	•	•	•	28~30
	SKD-11	÷.,			•	•	•			55~57
	SKH-51			•	•	0	•	•		60~62
	SVERKER		<u>к</u>	•				•		55~57
t.	Nitriding				•		•			18~20
	Copper Alloy					•				
	Aluminum1000			•		•				
	Aluminum5000		ľγ	•						

Ultra-precision Mold Padding Welder

The Mission of

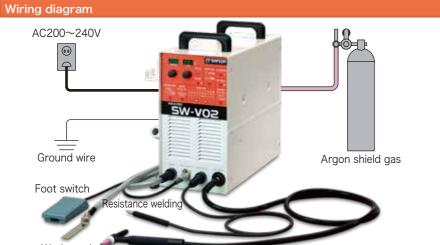
Ever-Advancing Evolution











Work cord TIG welding

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	¢0.1∼2.0mm					
Control Method	Inverter Method					
Cooling Method	Forced air cooling (With protection circuit by temperature detection					
Dimensions	W 204 X D 425 X H 390 (mm)					
Weight	23.8kg					
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The design and specifications are subject to change without prior notice for product improvement

A Safety Remarks

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

Manufacturer SANWA SHOKO CO.,LTD.

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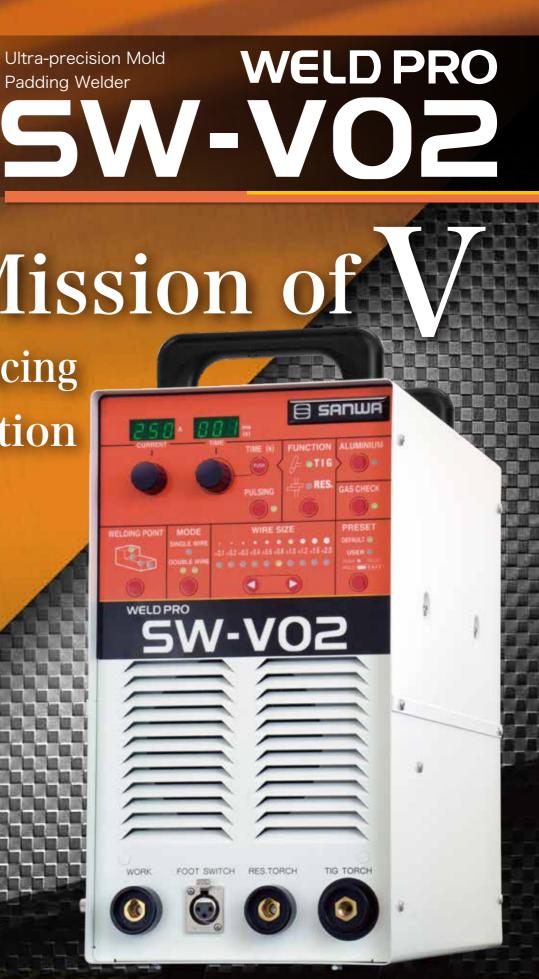
And Seller

■Please feel free to ask. Sales division:+81-3-3376-3464

and tufftride processing

Welding Materials

	Wire 5m							Hard- ness	
	¢1.6	¢1.2	φ0.8	φ0.6	φ0.4	φ0.3	φ0.2	φ0.1	HRC
NAK-80		•	•	\bullet				•	40~42
NAK-55			•			•		•	40~42
HPM-50	\bullet					•			40~42
HPM-38		•				•	•	•	52~55
HPM-2									28~31
STAVAX		•							52~55
RIGOR			•	•	•	•			52~55
IMPAX			•	•		•			30~33
NICKEL			•		•	•	•		15~20
S50C(5m)		1	•	\bullet	•	•	•		28~32
SKD-61			•	•		•	0		40~42
ORVAR						•	•		40~42
MAS-1	\bullet	•	•	•		•		•	28~30
SKD-11				•		•			55~57
SKH-51				•		\bullet	0		60~62
SVERKER		<u>k</u> -				•			55~57
Nitriding				•		•			18~20
Copper Alloy									
Aluminum1000									
Aluminum5000									



WELD PRO Ultra-precision Mold Padding Welder **SW-V02**

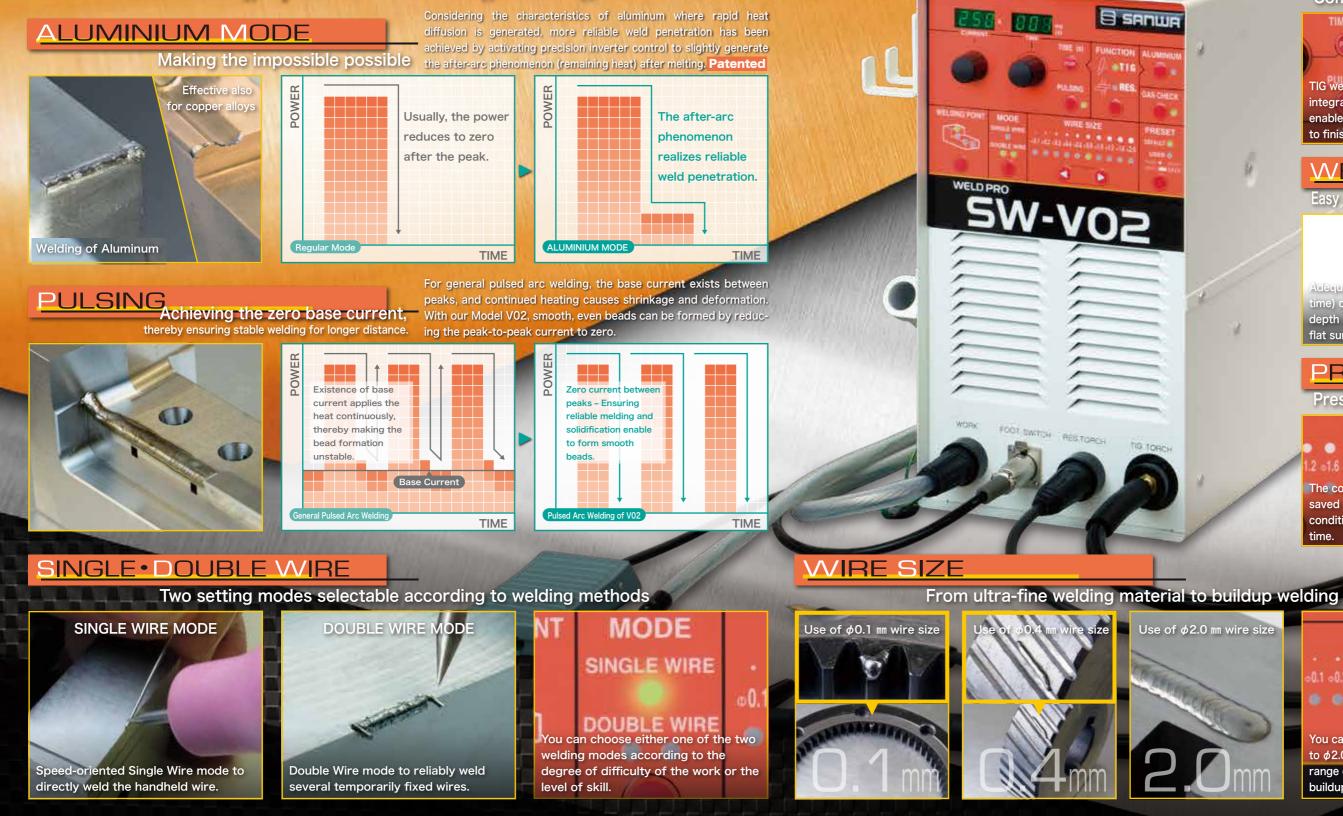
TIG Welding + **Resistance Welding**

High performance welder Responding to skills of experienced

The WELD PRO SW-V Series models have that is currently assumed to be difficult. welder, while supporting beginners that enables precision welding of aluminum welding machines?

Advanced Welding Navigation

that leads ultra-high precision welding to a higher dimension



evolved where the functions of TIG welding Furthermore, the varieties of functions that that enables ultra-high precision and assist the various scenes of welding support resistance welding that is convenient for beginning welders, and high-level perfortentative fixing and simple repair are integrat- mance that has been accumulated after each ed into one welding machine. The series version upgrade responds to the skills of models feature the more user-friendly Weld experienced welders. Why don't you physically Navigation that leads precision welding to a feel the sophistication and the evolution that higher dimension, and the Aluminium Mode **open u**p a new era in ultra precision padding

FUNCTION

TIME (s)

PUSH

Combined use of TIG & RES FUNCTION

TIG

RES TIG welding and resistance welding are integrated into a single chassis, which enables covering tentative fixing work up to finish work with a single V02 machine.

WELDING POINT

Easy calling up of the adequate setup WELDING POINT

MODE

ALUMINIUM

welding setups (current and time) corresponding to two vertexes, depth side corners, three vertexes, and flat surfaces are stored.

PRESET

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2 16 21

Presetting the favorite setups

PRESET

USER

The conditions fixed by workers ar saved under the Save mode and th conditions can be called up easily next time

Use of ϕ 2.0 mm wire size



You can choose a wire size from $\phi 0.1$ mm to $\phi 2.0$ mm, thereby handling a broad range of ultrafine pinpoint welding up to buildup welding of wide flat surfaces.

WIRE SIZE

0.1 00.2 00.3 00.4 00.6 00.8 01.0 01.2 01.5 02.0