

SANWA SCOPE ARM STAND



Installation Example for Use

 **SANWA SHOKO CO.,LTD.**

SANWA

Optional Accessory Products

Ultra-precision Mold Pading Welder
WELD PRO SW-V02

Supersonic Lapping Machine
LAPTRON

Discharge Deposition Equipment
DEPOSITRON

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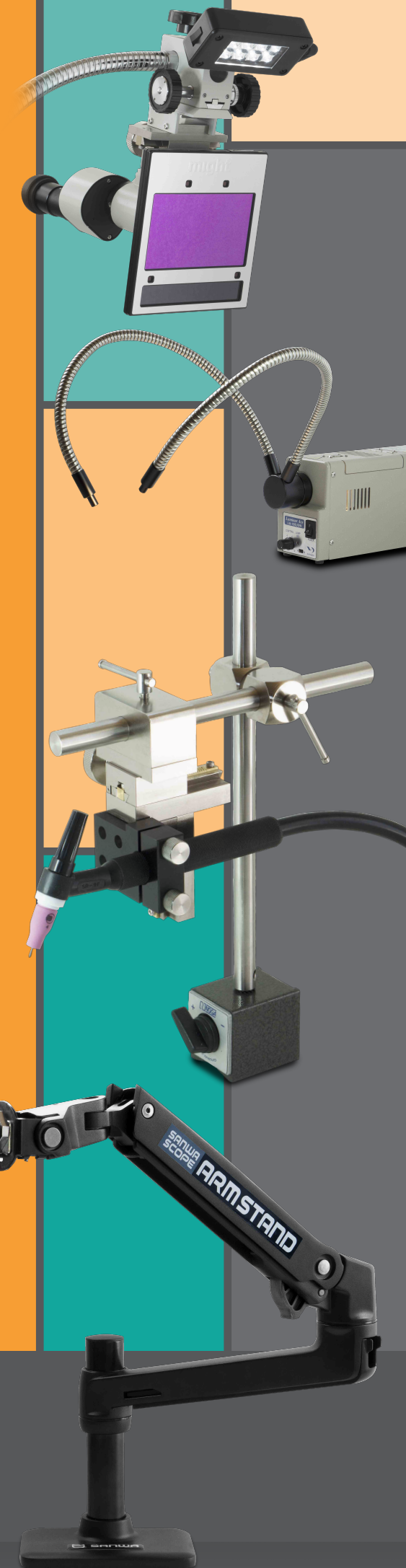
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 **SANWA SHOKO CO.,LTD.**



SANWA SCOPE

Stereoscopic Microscope



For use with precision work for inspections, research projects, and other activities.

The stereoscopic microscope is convenient for precision work for inspections, research projects, and the positioning of tools for processing machines. The microscope can be flexibly moved with the flexible shaft and two fine adjustment knobs, thereby ensuring absolute magnified observation of any region. The microscope is fixed with a strong magnet and is easily detachable by operating the switch. You can choose either eyepiece lens of 10x or 20x magnification ratio.



The focal point is adjustable to 40 mm in total from the end on the near side to the back end.



You can continue your work without moving the object, and fine adjustment is flexible!



Focal point distance from the lens to the object is 160 mm.

Specifications

Microscope		Flexible Shaft	
Focal point distance	160 mm	Shaft length	400 mm
Magnification ratio	SS10-01:x10/SS20-01:x20	Movable range	Flexibly movable 180 degrees
Movable range	Focus adjustment knob: 40 mm Horizontal slide knob: 45 mm	Total Weight	Approx. 3kg

SANWA SCOPE ARM STAND

Stand for Stereoscopic Microscope



Fixing the microscope flexibly



This is the arm stand for a stereoscopic microscope that reduces stress during observation by microscope. Provision of multiple joints enables fixing of the microscope at the desired point. Security is ensured because the stand body is clamped to the desk.



The minimum extension of the arm is 370 mm. You do not have to be worried about the accommodation space.



The maximum extension of the arm is 870 mm. You do not have to be worried about the lengthy mold any more.

Specifications

Arm length	370 mm ~ 870 mm	Max. plate thickness for clamp	10 mm ~ 60 mm
Arm swinging angle	Horizontal 180° / Vertical 70°	Weight	Approx. 4.2kg
Arm rotation	360°	※SANWA SCOPE LIGHT (option) can be mounted directly.	

SANWA SCOPE LIGHT

LED Light for Stereoscopic Microscope



Ensuring brighter and sharply-etched working space

This is the purpose-designed LED light that can be mounted on the SANWA SCOPE with the magnet. Eight super-luminosity LEDs illuminate the object brightly. Use together with the light-blocking shield best fits the fine welding work.



Super-luminosity LED



Use together with light-blocking shield

■仕様			
Light source	8-LED light	Dimensions	W45 x D90 x H25 mm
Power supply	100 V AC adapter	Weight	Approx.78.5g

Light-blocking Shield for Microscope



Suitable for protecting eyes during fine welding work

The shield can be installed on a stereo microscope. With the shield, your eyes are protected so that you can execute the welding by looking through a microscope. When you use the shield, it is recommended that you use the halogen light source at the same time.



Protect your eyes for sure.



Fine adjustments are possible.

■Specifications			
Shielding speed	1/20,000 sec (23°C)	Sensitivity Control	11 steps
Visible ray transmission	#8-#13	Temperature range	-10°C~55°C
Delay(Dark to Light)	11 steps (0.1~1 sec)	Power supply	Lithium button battery(CR2450x2)

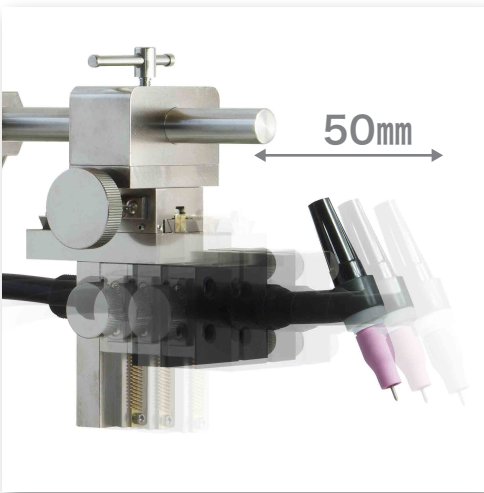
Torch Stand



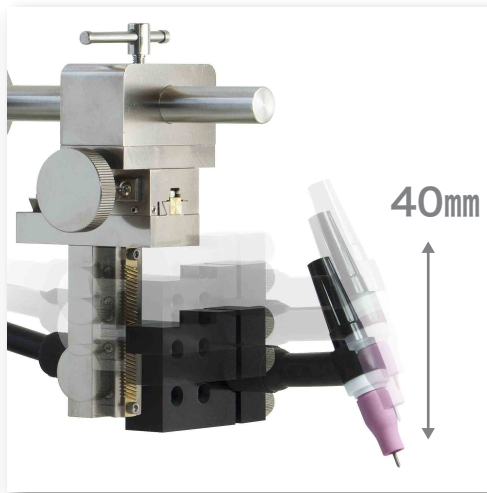
For TIG welding beginners For pin-point welding



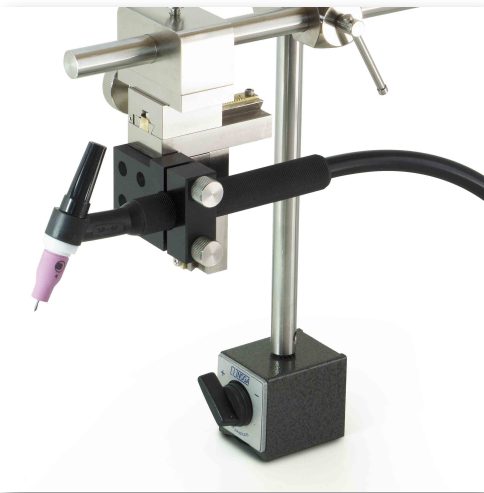
This tool has an arm movable in two directions (X-axis, Y-axis). By installing a torch for welding on the arm, you can weld materials without holding the torch by hand. Since it can avoid unintentional movement of the hands and sets the torch securely in place, a welding beginner can also weld with confidence. A high-power magnet is used where the torch parties held so that the torch can be installed and removed easily by turning the switch on/off.



Adjustable 50 mm horizontally.



Adjustable 40 mm vertically.



Easy fixing with magnets.

■Specifications			
Dimensions	Vertical axis 300 mm (except for a magnet) Horizontal axis 250 mm	Movable range	Movable in two directions Arms are freely movable within the length of each axis.
Weight	Approx.3kg	Fine adjustment part	Horizontally 50 mm Vertically 40 mm

Halogen Light Source



Enhancing the brightness of working space

The halogen lamps feature double arms to light any location without forming shade. In addition, since the light-blocking shield for the microscope does not detect the light, the field of view will not be darker, which is convenient for welding work.

Specifications

Rated input voltage	AC100V~AC240V	Illuminance variable range	2~100%
Rated power consumption	130W(when 100 W lamps are used)	Overheat protection	Disconnection of output (automatic reset)
Illuminance stability	±10%	Operating temperature	0°C~ 40°C
Average illuminance	500,000Lx (Illuminance fluctuation: approx.±0.3%)	Dimensions	W74 mm xH115 mm xD233 mm
		Weight	Approx.2kg

Welding Helmet



Suitable for protecting eyes during TIG welding.



The Darkening welding helmet protects the face and eyes from ultraviolet rays radiated during TIG welding. The shield will block the light within 1/20000 seconds after detecting the rays, so that you can weld in comfort.

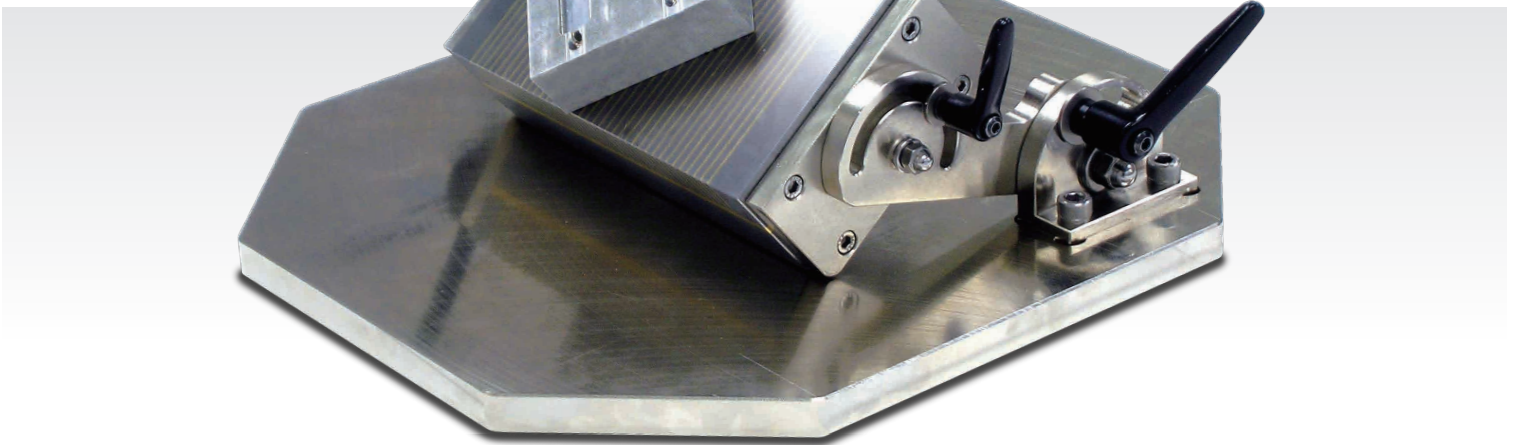
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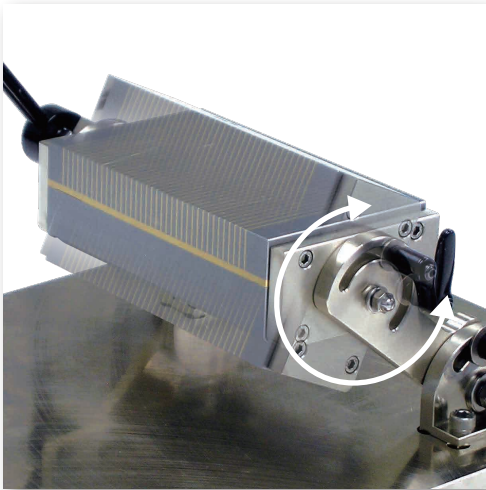
Magnetic Jigs



Best suited for hand-polishing of mold and welding work



The magnet height can be set flexibly.



The magnet itself can also be rotated flexibly.

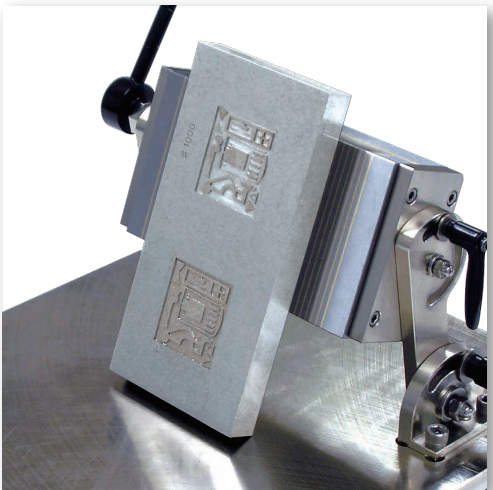
A powerful magnet firmly secures the mold at an easy-to-work angle. The jig is the best fit for the precision work of hand polishing and welding. The angle of the magnetic workbench can be flexibly set according to the two axes. Each axle is provided with a locking mechanism, thereby enabling the work without allowing the fixed angle to deviate. Because fixing is possible with the entire vice, the jig can be used for molds of aluminum, copper, and other metals that cannot be fixed by magnet.



Comfortable work is ensured at free angles.



The aluminum mold can be fixed together with the vice.



A large-sized mold can be fixed robustly at the desired angle.

Specifications

Dimensions	Base 320 mm x350 mm	
	Magnet 195 mm x100 mm x50 mm	Arm 90 mm (between the screw of magnet and the screw of base)
Weight	Approx.20.8kg	