

SANWA SCOPE ARM STAND



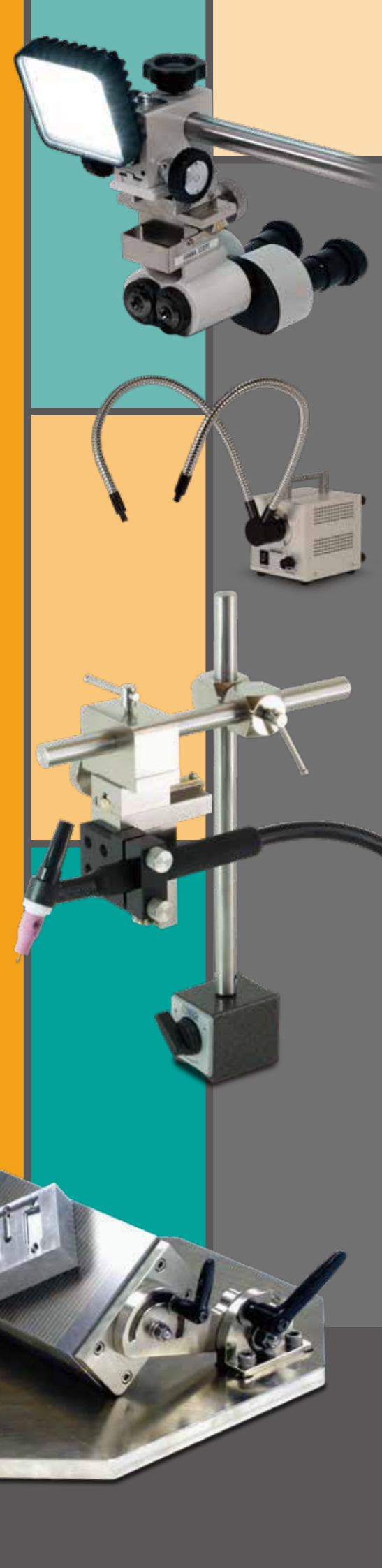
Installation Example for Use

 **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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 **SANWA SHOKO CO.,LTD.**



# SANWA SCOPE MULTI FOCUS

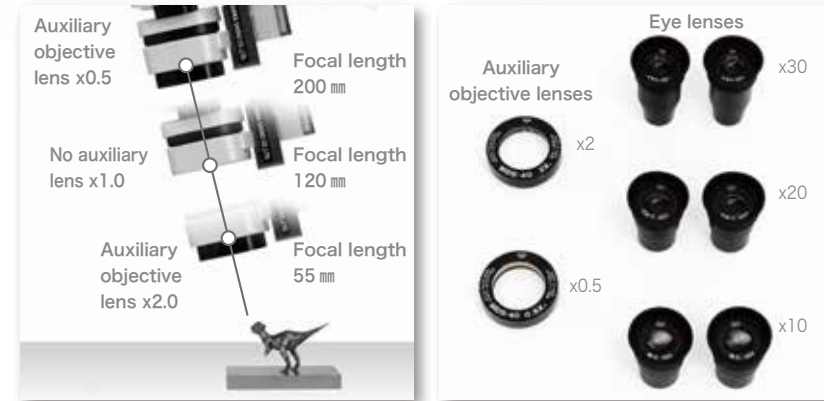
Stereomicroscope

Please check each part number in the microscope catalog.



## A Stereomicroscope Available in a Wide Variety of Magnifications

The magnification can be changed from 5 times to up to 60 times by the use and combination of three types of eye lenses and two types of auxiliary objective lenses. Since the rotation of the right eye lens enable focusing, finer focusing became possible.



The magnification and use of the auxiliary objective lens vary the focal length

Eye lenses <10, 20, and 30 times>  
Auxiliary objective lenses <0.5 and 2 times>

### Specifications

Movable range	Focus adjustment knob: 40 mm	Weight	Approx.978g
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※For detailed information such as optical performance, stands, and Light-blocking shield, please refer to the Sanwascope catalog.

# SANWA SCOPE STANDARD

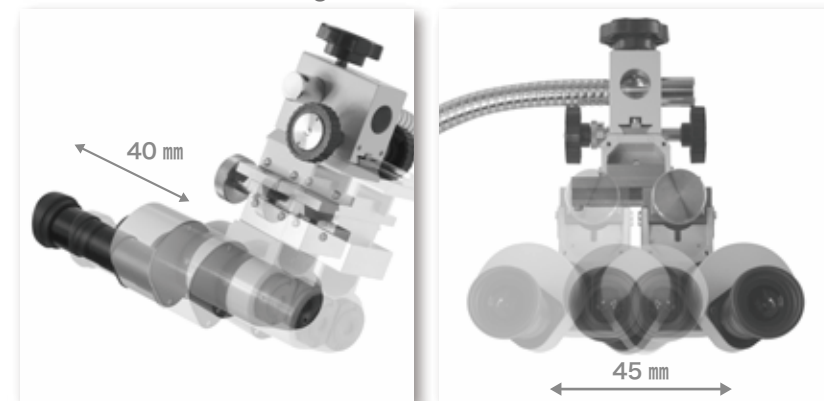
Stereomicroscope

Please check each part number in the microscope catalog.



## Slidable in a lateral direction without changing the focal length

This microscope can be flexibly moved with two fine adjustment knobs, thereby ensuring absolute magnified observation of any region. 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!

### Specifications

Focal point distance	160 mm	Movable range	Focus adjustment knob: 40 mm
Magnification ratio	SS10-01:x10/SS20-01:x20		Horizontal slide knob: 45 mm
Weight	Approx.1280g		

# SANWA SCOPE LIGHT LM1000

LSF-L1KP



## Ensuring brighter and sharply-etched working space

This product is an LED light mountable on and dedicated for the Sanwa Scope. The 12 pieces of LEDs with high luminance of 1000 lumens illuminate an object. This light can be used in combination with a light shield, and accordingly, this light is best suited for micro welding.



Super-luminosity LED



Use together with light-blocking shield

### Specifications

Light source	12-LED light 1000lm	Dimensions	W74 x D71 x H25 mm
Power supply	100~240V AC adapter 12V 1.5A	Weight	Approx.236g

# SANWA SCOPE LIGHT LM80

LSF-L08P



## Compact 2-way LED light

This product is a two-way LED light, which has two ways to be held: one is a magnet type, and the other is a screw type, and you can select either one. Eight pieces of LEDs with high luminance lights a target brightly. This light can be used in combination with a light shield, and accordingly, this light is best suited for micro welding.



Super-luminosity LED



Use together with light-blocking shield

### Specifications

Light source	8-LED light 80lm	Dimensions	W45 x D90 x H25 mm
Power supply	100~240V AC adapter 12V 1.5A	Weight	Approx.78.5g



# LED Light Source

LSF-2AL1

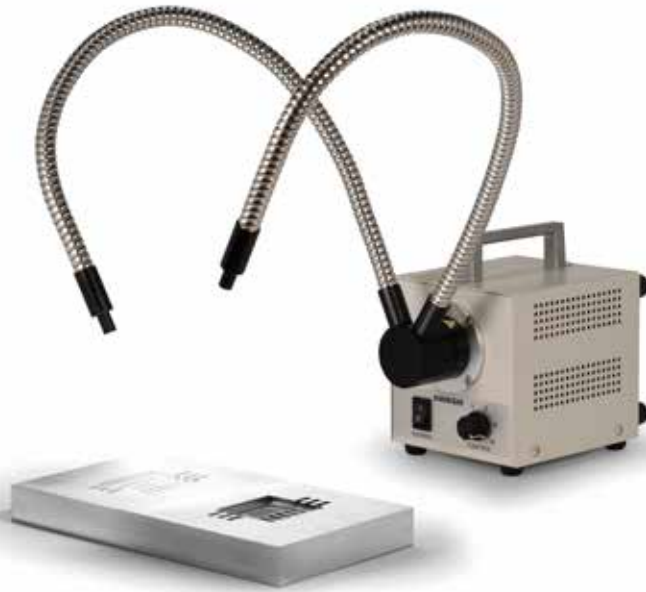


Energy-conserving & long-life

Although the brightness of this product is equivalent to 50 watts of a halogen lamp, the power consumption is only 10 watts. Approximately 86% of power consumption can be reduced. This product is ideally suited for the environment of a clean room because no fan is used. This light has a long service life that is equivalent to 15 times that of a halogen lamp, which can reduce operating costs. This light can be placed in both the vertical and horizontal positions.

## Specifications

Power supply	100~240V AC adapter 12V 1.5A	Illuminance variable range	0~100%
Rated input voltage	DC12V, 1A	LED	White 6500K Typical
Rated power consumption	10W	Operating temperature	0°C~ 40°C
LED life	30,000 hours (reference value)	Dimensions	W110 mm xH110 mm xD120 mm
Average illuminance	200,000Lx (Illuminance fluctuation: approx.±0.3%)	Weight	Approx.1.7kg



# Halogen Light 150W

Light guide set LSF-2AH2  
Light source only LSF-NAH2



Brighten up the workspace

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	180W (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	W115 mm xH130 mm xD231 mm
		Weight	Approx.2.6kg



# Torch Stand

VTS-01PG



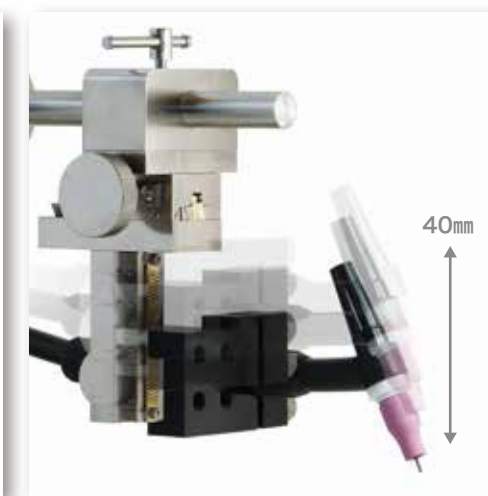
For TIG welding beginners  
For pin-point welding



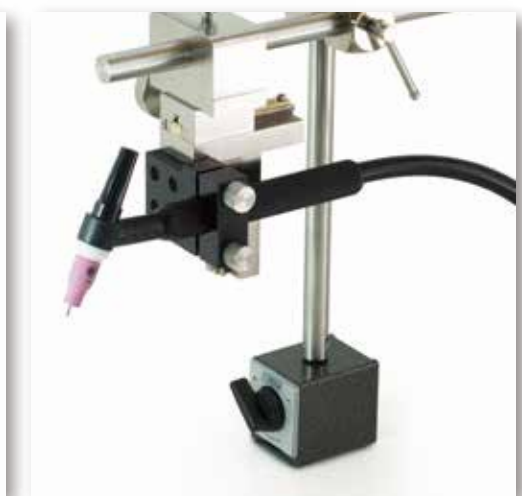
This tool has an arm movable in two directions (X-axis, Y-axis). By installing a torch for welding on the arm, you can weld materials without holding the torch by hand. Since it can avoid unintentional movement of the hands and sets the torch securely in place, a welding beginner can also weld with confidence. 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)	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



# Welding Helmet 1600

LCD-H03P



Suitable for protecting eyes during TIG welding.



This product protects your face and eyes from ultraviolet rays generated during TIG welding. The field of vision before light shielding has become brighter, which is expressed with #2. The peripheral vision is insured with the side window, which offers improved workability and safety.

### Specifications

Shielding speed	1/25,000 sec (23°C)	Sensitivity Control	11 steps
Visible ray transmission	#2~#12	Temperature range	-10°C~55°C
Delay(Dark to Light)	11 steps (0.1~1 sec)	Power supply	

# Magnetic Jigs

JIG-FM01



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 x 350 mm	Arm 90 mm (between the screw of magnet and the screw of base)
	Magnet 195 mm x 100 mm x 50 mm	
Weight	Approx.20.8kg	