

Part number list

Part No.	Product name	Eye lens	Auxiliary objective lens
SM1-X10A	SANWA SCOPE MULTI FOCUS FLEXIBLE SHAFT SET	x10	x0.5
SM1-X10B		x10	x2
SM1-X20A		x20	x0.5
SM1-X20B		x20	x2
SM1-X30A		x30	x0.5
SM1-X30B		x30	x2
SM2-X10A	SANWA SCOPE MULTI FOCUS ARM STAND SET	x10	x0.5
SM2-X10B		x10	x2
SM2-X20A		x20	x0.5
SM2-X20B		x20	x2
SM2-X30A		x30	x0.5
SM2-X30B		x30	x2
SM3-X10A	SANWA SCOPE MULTI FOCUS ONE LOCK ARM SET	x10	x0.5
SM3-X10B		x10	x2
SM3-X20A		x20	x0.5
SM3-X20B		x20	x2
SM3-X30A		x30	x0.5
SM3-X30B		x30	x2
SM0-10UA	SANWA SCOPE MULTI FOCUS Single microscope unit (without arm and shaft)	x10	x0.5
SM0-10UB		x10	x2
SM0-20UA		x20	x0.5
SM0-20UB		x20	x2
SM0-30UA		x30	x0.5
SM0-30UB		x30	x2
SS1-X10S	SANWA SCOPE STANDARD FLEXIBLE SHAFT SET	x10	x1.0
SS1-X20S	x20	x1.0	
SS2-X10S	SANWA SCOPE STANDARD ARM STAND SET	x10	x1.0
SS2-X20S	x20	x1.0	
SS3-X10S	SANWA SCOPE STANDARD ONE LOCK ARM SET	x10	x1.0
SS3-X20S	x20	x1.0	
SS0-X10U	SANWA SCOPE STANDARD	x10	x1.0
SS0-X20U	Single microscope unit (without arm and shaft)	x20	x1.0

SANWA SCOPE Accessories		Remarks
SS1-A801	FLEXIBLE SHAFT	without microscope
SS2-A801	ARM STAND	without microscope
SS3-A801	ONE LOCK ARM	without microscope
LCD-S20P	LIGHT-BLOCKING SHIELD S20 (with mounting cover)	for TIG welding
LSF-L08P	SANWA SCOPE LIGHT LM1000	
LSF-L1KP	SANWA SCOPE LIGHT LM80	

Optional Accessories
SANWA SCOPE

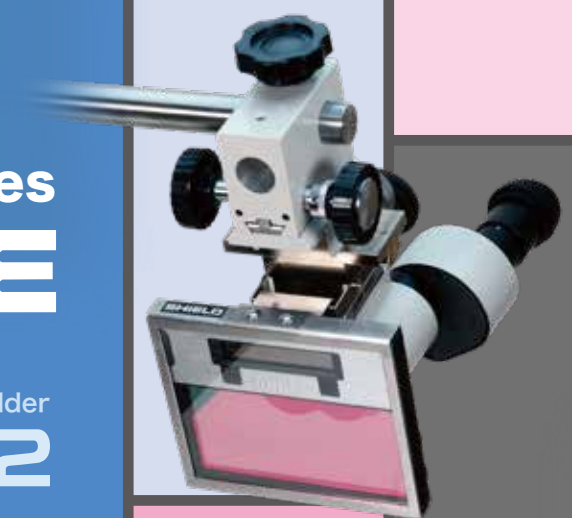
Ultra-precision Mold Pading Welder
WELD PRO SW-V02

Supersonic Lapping Machine
LAPTRON

Discharge Deposition Equipment
DEPOSITRON

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SANWA SCOPE MULTI FOCUS

Stereomicroscope

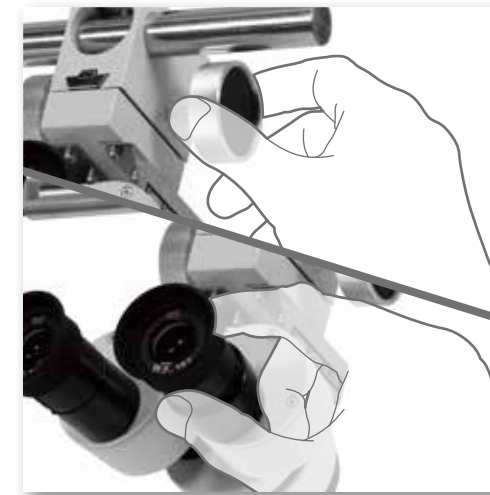
The product number varies depending on the magnification and arm, so please check the back cover.



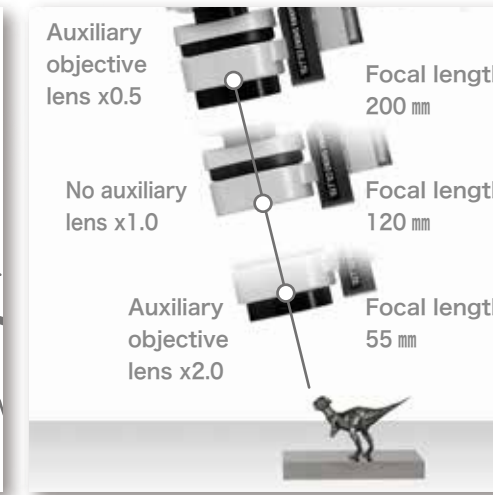
This stereomicroscope is convenient for precision work, such as precision machining of minute parts, inspections, research, and positioning of the tools for processing machines. The magnification can be changed from 5 times to up to 60 times by the use and combination of three types of eye lenses <10, 20, and 30 times> and two types of auxiliary objective lenses <0.5 and 2 times>. Since the sliding movement in the longitudinal direction and rotation of the right eye lens enable focusing, finer focusing became possible.



A Stereomicroscope Available in a Wide Variety of Magnifications



The focusing features in two places enable finer focusing



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>

Optical performance

Object	Auxiliary objective lens x0.5 Focal length 200 mm	Eye lens x10	Eye lens x20	Eye lens x30	
		x5 (46 mm)	x10 (23 mm)	x15 (13 mm)	
			x10 (23 mm)	x20 (12 mm)	x30 (7.5 mm)
				x20 (11.5 mm)	x40 (6 mm)

In parentheses . . . Field of view diameter

Specifications

Movable range Focus adjustment knob: 40 mm Weight Approx.978g

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SANWA SCOPE STANDARD

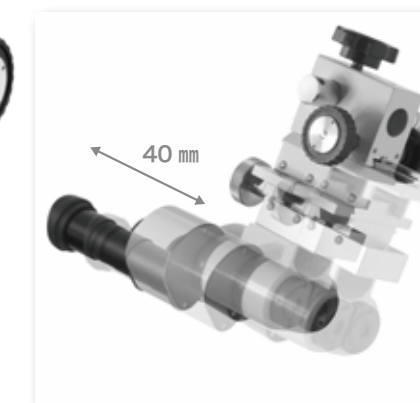
Stereomicroscope

The product number varies depending on the magnification and arm, so please check the back cover.



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		

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ONE LOCK ARM

Single product number : SS3-A801 (without microscope)



Securely holding at an arbitrary angle

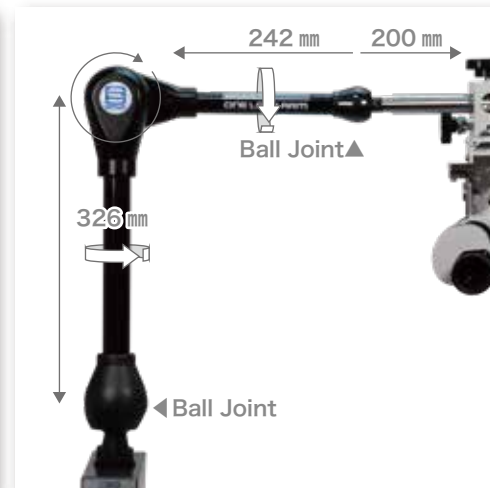
This product is a dedicated stand to reduce stress for the microscope operation. Plural joints can be locked with one dial. The arms can be secured at an arbitrary angle as desired; therefore, the microscope can be moved vertically while maintaining the horizontal position. A strong magnet is used in the mounting section, and the stand can be attached and detached without difficulty by switch selection.



All joints locked with just one dial



Vertically movable with horizontal position kept



All joints rotatable by 360 degrees

Specifications

Arm length	639mm(326mm/L1, 242mm/L2)	Movable range of each arm	360°
Shaft length	200mm	Weight	Approx. 5.5kg

ARM STAND

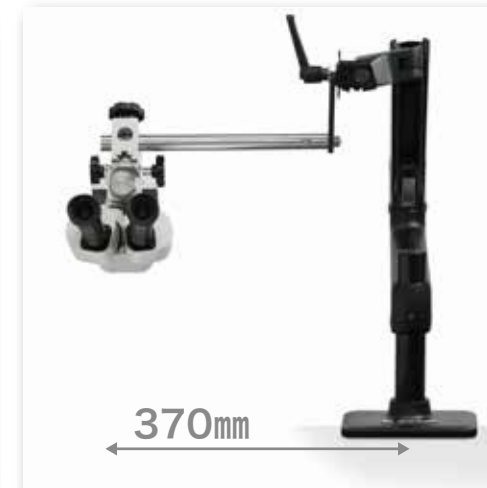
Single product number : SS2-A801 (without microscope)



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

FLEXIBLE SHAFT

Single product number : SS1-A801 (without microscope)



Flexibly bendable microscope stand

A stereomicroscope stand with a flexible shaft that can be used regardless of the size of the object. A strong magnet is used in the mounting section, and the stand can be attached and detached without difficulty by switch selection.



Specifications

Shaft length	400 mm	Total Weight	Approx. 3kg
Movable range	Flexibly movable 180 degrees		

LIGHT-BLOCKING SHIELD S20

LCD-S20P



Suitable for protecting eyes during fine welding work

This product is a light shield to be mounted on a stereoscopic microscope. This shield certainly protects your eyes when looking through a microscope during the welding operation. In comparison with a conventional type, translucency before light shielding is brighter, and the target becomes more visible even through a microscope.



Translucency increased Firmly secured with dedicated frame

Specifications

Shielding speed	1/25,000 sec (23°C)	Temperature range	-10°C~55°C
Visible ray transmission	#2~#12	Power supply	Lithium button battery(CR2450x1)
Delay(Dark to Light)	11 steps (0.1~1 sec)	Dimensions	W116 mm xH94 mm xD10 mm
Sensitivity Control	11 steps		

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