Global Source
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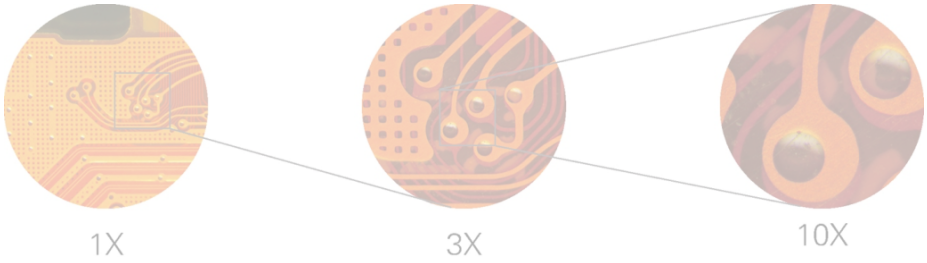


GS-SX1250

Parallel Light Zoom

Stereo Microscope

GS-SX1250 Series Designed for Industrial and Biologial Research

Stereo microscope is importantly applied in industry detection and life science. Based on Galileo optical system and man-machine engineering. SX1250 presents a real and perfect micro-mage with easy operation, meets the research demands of biomedicine, microelectronics and semiconductor.

High eye-point wide field eyepiece for clear image

GS-SX1250 with 10x/23 eyepiece for wide field, is available for bright and clear image at edge. What's more, 15x and 20x eyepieces for option, meets the demand of high power. Eyepiece diopter is adjustable for different eyesights.

Coaxial coarse & fine focusing mechanism for fast operation

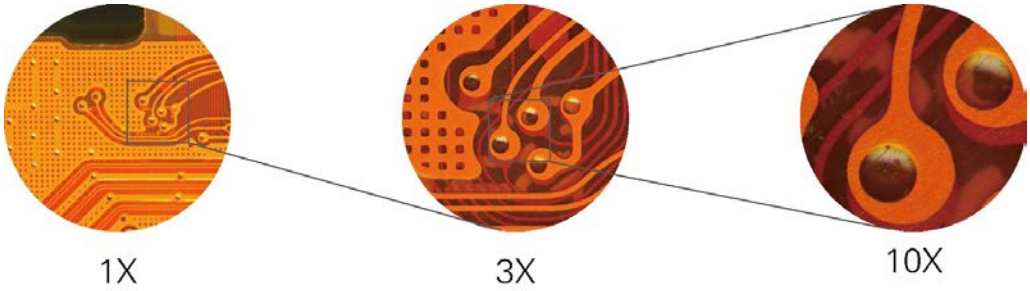
Coaxial mechanism is available to be fast focused, and lockable for long-term observation. Focusing knob with comfortable hand feel, release the fatigue from long time operation.

Tilting viewing head for comfortable operation

SX1250 with tilting viewing head from 5 to 45 degree, can be fiexibly adjusted for different operators with different posture.

Large zoom ratio 12.5:1

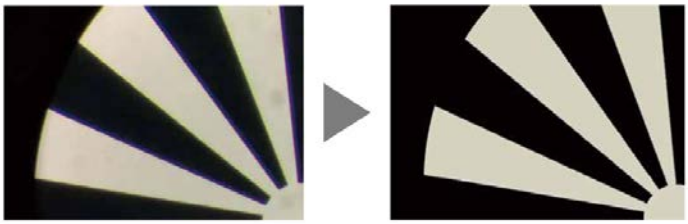
GS-SX1250 has large zoom ratio from 0.8x to 10x, with click stop for every main time, which can be manually unbind for zoom magnifying smoothly.

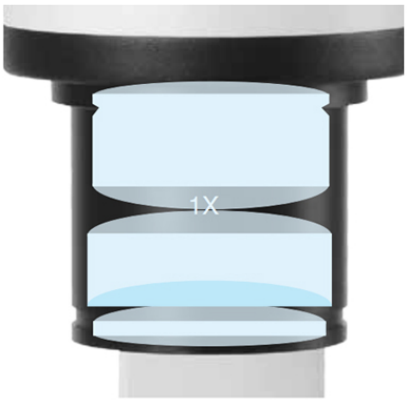


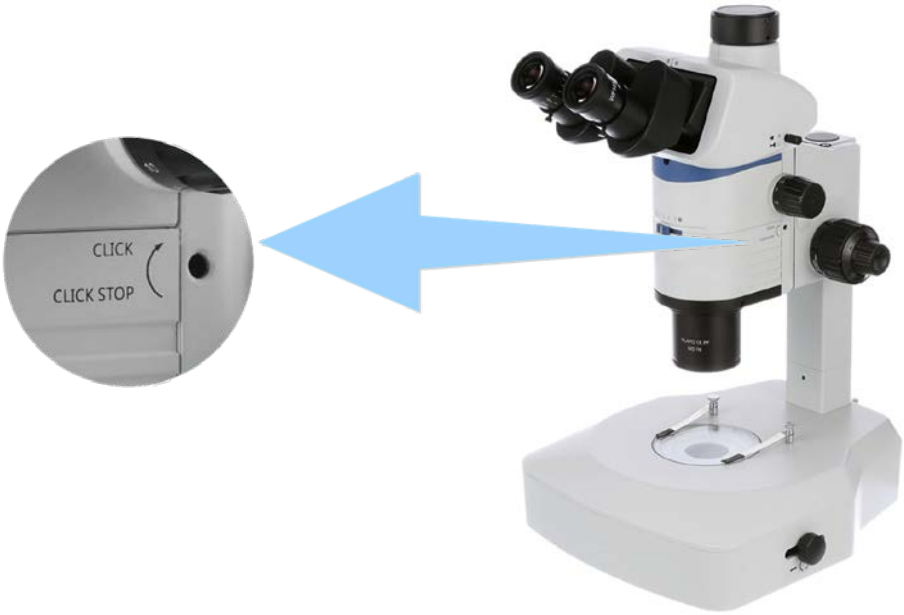
Rich experience in R&D, creates the unique microscope with reliable quality.

Apochromatic Objective

Apochromatic design significantly improves the lens performance of color rendition. Correcting the axial chromatic aberrantion of red/green/blue/purple, and converge them on a focal plane, the objective is able to present the real color of the samples.

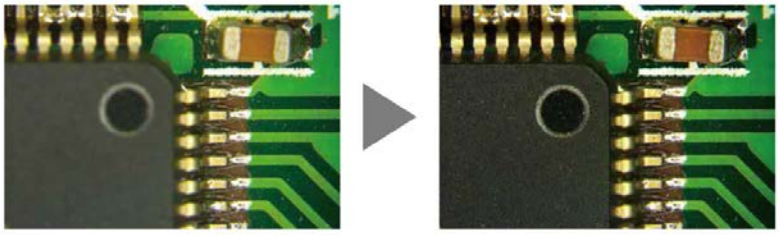






Aperture diaphragm adjustment

Shift the aperture diapragm in front to adjust depth of field for high-quality image.



GS-SX1250 with Galileo Optical System, Presents Super Definition

With Galileo optical system, presents super definition

Adopt Galileo optical design to achieve plan and high definition micro-image, meet the demand of scientific research.

Forearm holder

Compact and streamlined holder to support forearm, reduce the fatigue of arm and shoulder from long-time operation.

Mirror adjustment

Reflected mirror in the base, is 360 degree rotatable to control the light zone. With plan side and frosted side for different imaging effect, is suitable for various applications.

Humanized light intensity

Rotate the dimmer to adjust light intensity, the detailed percent of brightness will be displayed from the LCD on the base. It is helpful to record data of the best back light for sample observation.

Optional color temperature

Adjust the color temperature to create a perfect imaging background for different samples in different work environment.

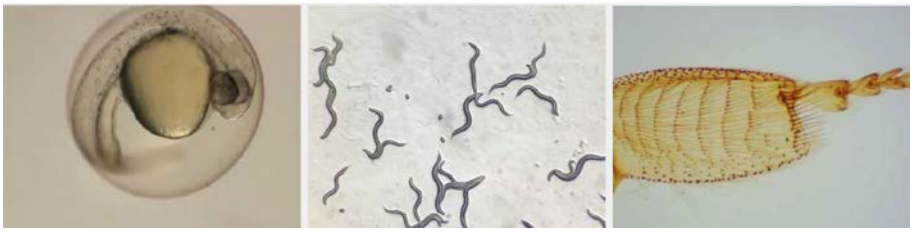
Adjustable arm stand

Except for the 50mm coarse focusing distance, the focus holder is able to be lifted by adjusting lock screw. It is available to detect large sample.

Being available for different applications, such as life science and industry detection, GS-SX1250 with advanced imaging technology, is the best assistance for scientific research.

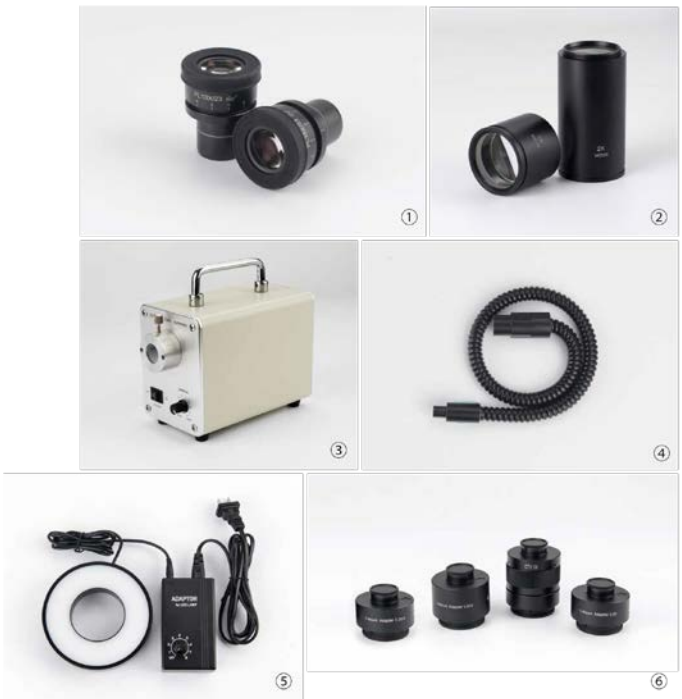
LIFE SCIENCE

Support for life science research, meet the demands of biological experiment, chemical analysis and cell culture.



INDUSTRY DETECTION

Indispensable testing tool, widely applied for surface detection of PCB, SMT, semiconductor chip, metal material and precision components.

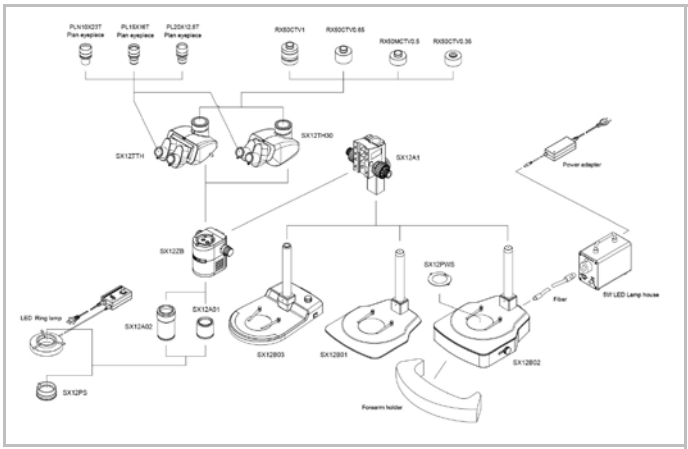


Parts Viewing

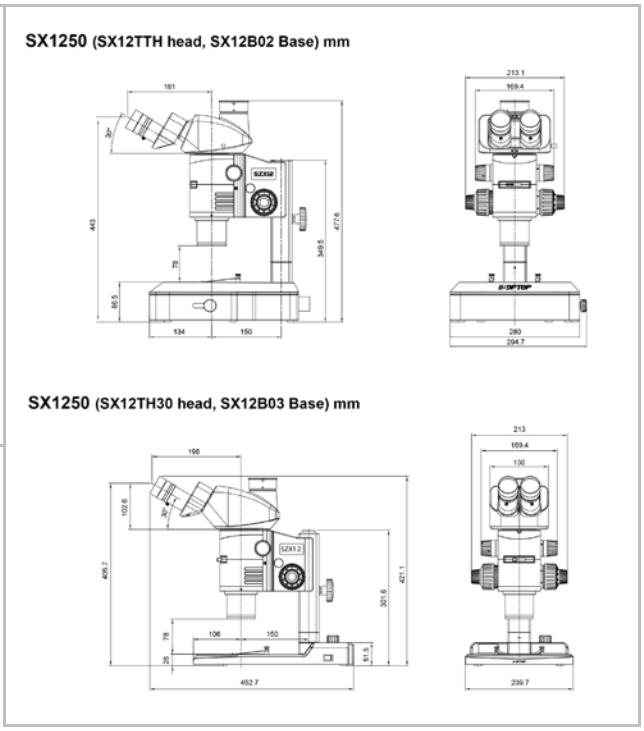
1. High eye point wide field plan eyepiece PL10x/23mm
2. 1x & 2x main objective
3. LED light box
4. Single fiber
5. LED ring lamp (200 bulbs)
6. 0.35x, 0.5x, 0.65x, 1x C-mount

GS-SX1250 parallel light zoom stereo microscope always meets your highest requirements of clear observation

Sysem Diagram



Dimensions



Product Specifications

Viewing Head
Tilting trinocular viewing head, 5~45° adjustable, binocular:trinocular=100:0 or 0:100, interpupillary distance 50-76mm, fixed eyepice tube with lock screw
30° inclined trinocular head, binocular:trinocular=50:50, interpupillary distance 50-76mm, fixed eyepiece tueb with lock screw

Eyepiece
High eyep-point wide field plan eyepiece PL10X/23mm, diopter adjustable
High eyep-point wide field plan eyepiece PL15X/16mm, diopter adjustable
High eyep-point wide field plan eyepiece PL20X/12.5mm, diopter adjustable

Body
Plan base without illuminatin, with black & white plate (dia.100mm)
Plan base with transmitted lluminatin (work with external 5W LED fiber); built-in 360° rotatable mirror, location adjustable
Ultra-thin base, multi-LED (5W), with digital readout of light intensity and color temperature (3200~5600K)

Main objective
1x main objective, working distance 78mm
2x main objective, working distance 20mm

Camera adapter
0.35x/0.5x/0.65x/1x C-mount

Zoom objective
Zoom rang: 0.8x~10x, zoom ratio: 12.5
built-in aperture diaphram, click stop for 0.8x, 1x, 1.5x, 2x, 3x, 4x, 5x, 6x, 8x, 10x

Illumination
5W LED light box (size: 270x100x130mm) with single fiber (500mm), color temperature 5000-5500K; operating voltage 100-240VAC/50~60Hz, output 12V
LED ring lamp (200 bulbs)

Optical Data

Eyepiece	10/23mm		15x/16mm		20x/12.5mm	
Objective	Mag.	FOV (mm)	Mag.	FOV (mm)	Mag.	FOV (mm)
1.0x	8x-100x	2.875-0.23	12x-150x	1.33-0.106	16x-200x	0.78-0.06
2.0x	16x-200x	1.43-0.115	24x-300x	0.67-0.053	32x-400x	0.39-0.031