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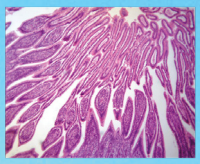

LB-390 Parallel Light Zoom Trinocular Stereo Microscope with Infinite Optical System and Plan Apochromatic Objective for Excellent Ergonomic System

LB-390 Parallel Light Zoom Trinocular Stereo Microscope with Infinite Optical System and Plan Apochromatic Objective for Excellent Ergonomic System is a research level zoom stereo microscope with infinite parallel Galileo optical system. Based on Galileo optical system and Apochromatic objective, it can provide real and perfect microscopic images on details. The excellent ergonomics and user-friendly operating system can truly allow users to experience a simple and comfortable work. The zoom ratio is 18:1, with 10× eyepiece, the magnification range is 7.5×-135×.

LB-390 Parallel Light Zoom Trinocular Stereo Microscope with Infinite Optical System and Plan Apochromatic Objective for Excellent Ergonomic System can meet the research

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demands of life sciences, biomedicine, microelectronics, semiconductors, materials science and other fields of research needs.

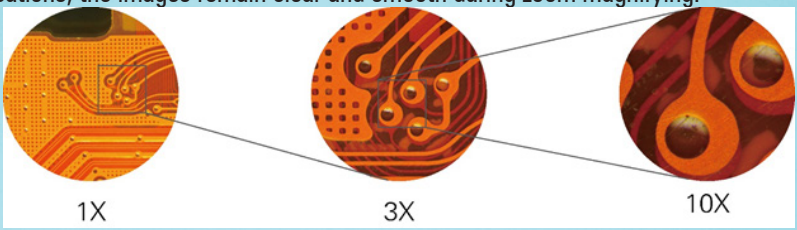
APPLICATION

LB-390 Parallel Light Zoom Trinocular Stereo Microscope with Infinite Optical System and Plan Apochromatic Objective for Excellent Ergonomic System has great value in a variety of applications such as life science and medical research, including dissection, IVF, biological experiment, chemical analysis and cell culture. It also can be used in Industrial areas for PCB, SMT surface, electronics inspection, semiconductor chip inspection, metal and materials testing, precision parts testing. coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.

FEATURES

1. Trinocular viewing head for comfortable operation.
The interpupillary distance and diopter can be adjusted, users can operate the microscope with the most comfortable gesture. This can minimize the visual fatigue caused by long-term observation. Trinocular tube with C-mount can be used to connect different digital cameras.

2. Large zoom ratio 18:1.
LB-390 has large zoom ratio of 18:1, zoom range from 0.75X to 13.5X, with click stop for main magnifications, the images remain clear and smooth during zoom magnifying.



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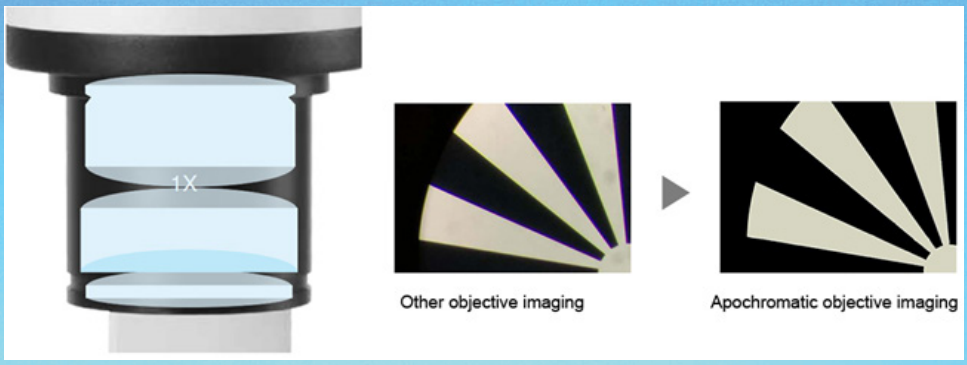
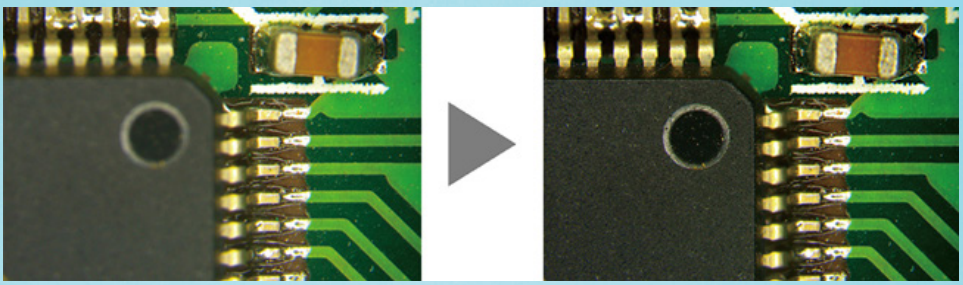
3. Apochromatic objective.
Apochromatic design has significantly improved the color reproduction of the objective. Correcting the axial chromatic aberration of red/green/blue/purple, and converge them on a focal plane, the objective is able to present the real color of the samples. The 1X objective is NA0.15.



4. Aperture diaphragm adjustment.
Shift the aperture diaphragm lever in front of the microscope to adjust depth of field for high-quality image.



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SPECIFICATION

Item	Specification
Optical System	Infinite Parallel Galileo Zoom Optical System
Viewing Head	30 degree inclined trinocular head; binocular: trinocular=100:0, 20:80; interpupillary distance 50-76mm; fixed eyepiece tube with lock screw
Eyepiece	High eye-point wide field plan eyepiece PL10×/23mm, diopter adjustable
Zoom Range	Zoom range: 0.75X-13.5X, click stop for 0.75×, 1×, 2×, 3×, 4×, 5×, 6×, 8×, 10×, 11×, 12×, 13×, 13.5×, with built-in aperture diaphragm
Objective	Plan Apochromatic Objective 1×, W.D.: 60mm, NA0.15
Zoom Ratio	1:18
Focusing Unit	Coarse and fine coaxial focus system, tension adjustable, coarse moving range 50mm, fine precision 0.002mm
Base	Plan base with transmitted illumination
Illumination	LED transmitted illumination, brightness adjustable
Packing	1set/carton, Net/Gross weight: 14/16kg, Carton size: 59×55×81cm

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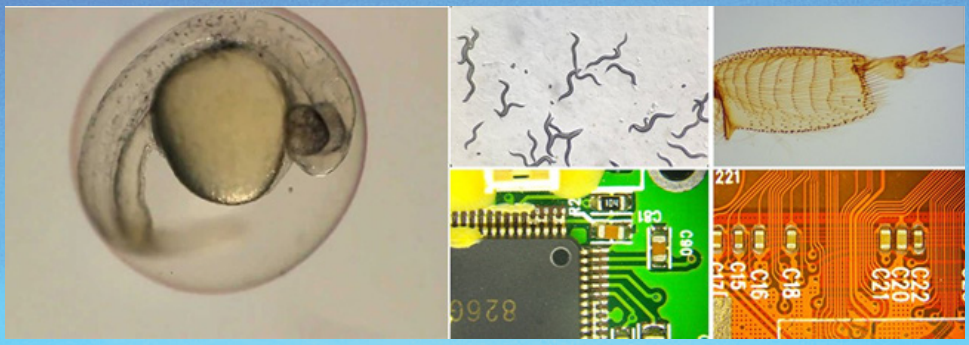
SAMPLE IMAGES



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