



LB-380

Trinocular Parallel Light Zoom Stereo Microscope w/ High Eye-Point Wide Field Eyepiece & Infinite Parallel Galileo Optical System



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LB-380 Trinocular Parallel Light Zoom Stereo Microscope w/ High Eye-Point Wide Field Eyepiece & Infinite Parallel Galileo Optical System is 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 Mirror in the base can be 360 °rotatable to achieve the best observation results. **LB-380** can meet the research demands of life sciences, biomedicine, microelectronics, semiconductors, materials science and other fields of research needs.

APPLICATION

LB-380 Trinocular Parallel Light Zoom Stereo Microscope w/ High Eye-Point Wide Field Eyepiece & Infinite Parallel Galileo Optical 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

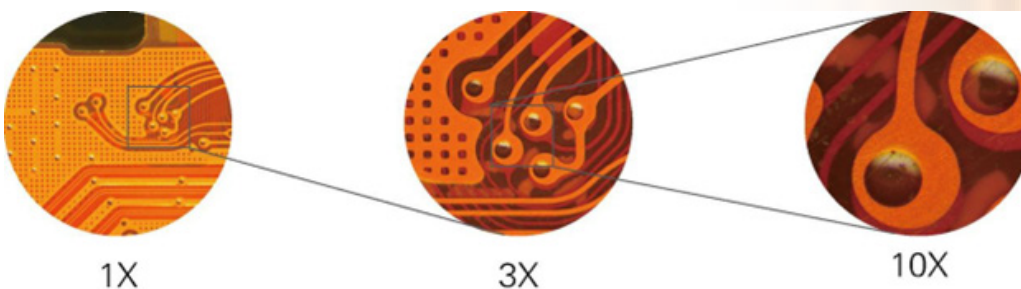
1. Tilting viewing head for comfortable operation.

Tilting viewing head from 5 to 45 degrees, can be flexibly adjusted for different operators with different posture.



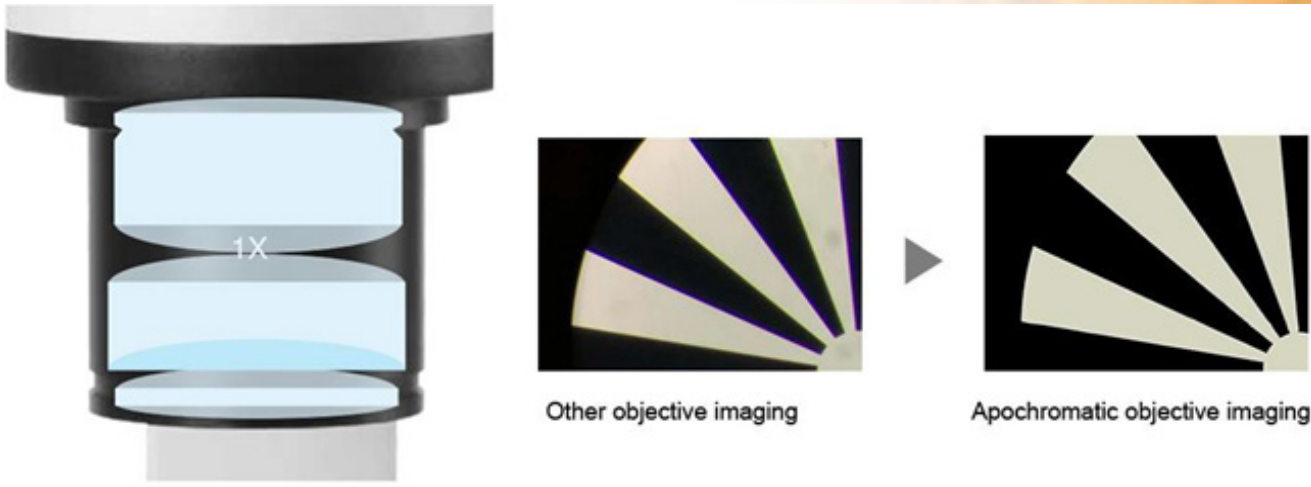
2. Large zoom ratio 12.5:1.

LB-380 has large zoom ratio of 12.5:1, zoom range from 0.8X to 10X, with click stop for main magnifications, the images remain clear and smooth during zoom magnifying.



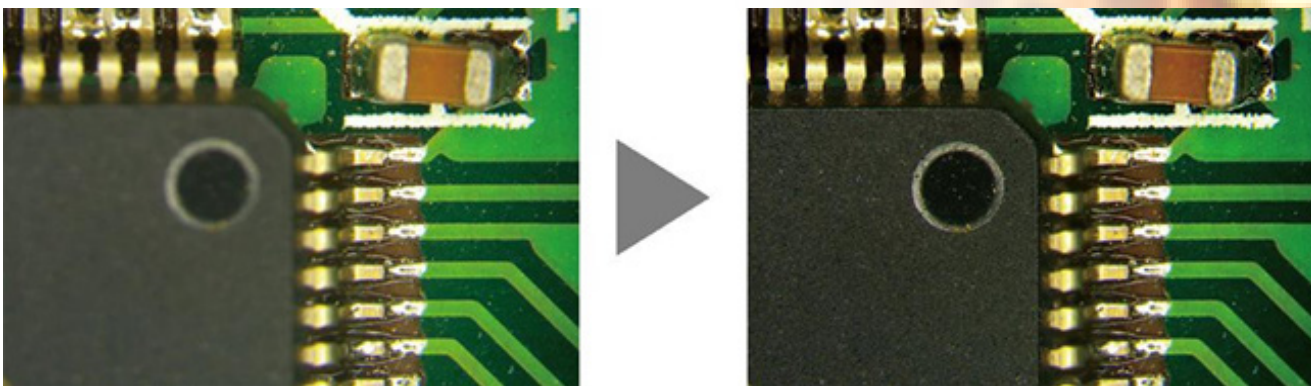
3. Apochromatic objective.

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. 2X apochromatic objective is optional.



4. Aperture diaphragm adjustment.

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



SPECIFICATION

SAMPLE IMAGE

Item	Specification
Optical System	Infinite Parallel Galileo Zoom Optical System
Viewing Head	Tilting trinocular viewing head, 5-45 degree adjustable; binocular: trinocular=100:0 or 0:100; 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: 0.8X-10X, click stop for 0.8×, 1×, 1.5×, 2×, 3×, 4×, 5×, 6×, 8×, 10×, with built-in aperture diaphragm
Objective	Plan Apochromatic Objective 1×, W.D.: 78mm

Zoom Ratio	01:12.5
Focusing Unit	Coarse and fine coaxial focus system, integrated body with focus holder, coarse range: 50mm, fine precision 0.002mm
Base	Plan base with transmitted illumination (work with external 5W LED fiber); built-in 360 degree rotatable mirror, location and angle adjustable
Illumination	5W LED light box (size: 270×100×130mm) with single fiber (500mm), color temperature 5000-5500K; operating voltage 100-240VAC/50-60Hz, output 12V

SAMPLE IMAGE

