



Stereo Zoom Microscope

Model – QSZ-818



*QSZ-18 Parallel Light Zoom Stereo Microscope
Zoom range: 0.75x-13.5x, total magnification:
7.5x-135.0x*

*Zoom ratio: 18:1, covers macro- and
microscopy*

Plan-apo lens for outstanding imaging quality

*Ergonomic stand with precision adjustment
mechanism*

Trinocular head, for C-mount cameras up to 1



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Features:

CMO (Galilean) Parallel Zoom Stereo Microscope, QSZ-818

This system has a parallel optical path into which various intermediate tubes, including a beam splitter, coaxial episcopic illuminator, epi-fluorescence attachment, teaching head, drawing tube and eye-level riser, can be inserted.

Nexcope's Stereo microscope model QSZ-818 that features a large zoom ratio 18:1, high resolution and exceptional fluorescence transmission capability. These models meet the increasing needs for imaging systems that span spatial scales from single cells to whole organisms.

Plan APO Objective Series

The Plan Apo series features higher NA, wider field of view and superior flatness and color aberration correction. These objective lenses can be seamlessly switched because all magnifications have the same parfocal distance. The bayonet mount design allows lenses to be safely and easily removed.

LED DIA base with a built-in OCC illuminator

10x wide-field eyepieces have a large 23 mm field of view and are suitable for people who wear glasses. Dioptre adjustment can be adjusted on both sides.

Ergonomic stand with precision adjustment mechanism.

The heavy metal stand with a glass inlay features a bright, homogeneous LED transmitted-light illuminator as standard. A diaphragm can be inserted into the base for additional contrast.

The focussing system consists of a coaxial coarse and fine focussing knob for sensitive focussing, even at high magnifications. The flat base allows you to work ergonomically and safely with a



SIDE LED LAMP



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Specifications:

Optical & Mechanical Specifications

- Optical System: Parallel Zoom Apochromatic Optical System
- Zoom Ratio: 1:18
- Magnification Range: 7.5× – 135×

Observation Functions

- Bright Field (BF)
- Fluorescence (FL) Polarized Light
- (PL) Oblique Light (OL)

Head Configuration

- Trinocular Head: Inclined at 20°, Light Split E100:P0 / E0:P100 Alternative Head Option:

Optional

- Tilting Trinocular Head (0°–30° Inclination), Light Split E100:P0 / E50:P50

Illumination Support:

- Cold Light Power Supplier
- Optical Fiber
- Coaxial Episcopic Illuminator

Eyepiece

- WF10x/23mm, Diopter Adjustable, Paired

Objective

- Plan APO 1.0x, Numerical Aperture 0.15, Working Distance 60mm.

Focussing Mechanism

- Manual Coarse Focus Range: ±90mm

Stand

- LED 3D Lighting Base with Built-in OCC Illumination.

Coaxial Illumination

Available with Cold Light Power Supplier, Optical Fiber, and Coaxial Episcopic Illuminator

Epi-Fluorescent Attachment (Optional)

Illumination System 6-Hole Turret

Fluorescent Incident Illuminator

Light Shading Plate 4-Band LED Fluorescence Light Sources with Control Box

1/4λ Plate

Bright Field Cube

Fluorescent Filter Cubes- As required