

FOCUS

Precision Instruments

FOCUS SCOPE 850 STEREO MICROSCOPE



SPECIFICATIONS

- Stereo image with longer depth of field & higher resolution
- Magnification: 8X~50X
- Zoom ratio: 1:6.3
- Zoom knob: with detents
- Eyepiece inclination: 45°
- Interpupillary distance: 52mm~75mm
- Diopter: ± 5 Diopter
- Working distance: 115mm (1X)
- Video image port: True-Trinocular, built-in 0.4X video coupler
- Airtight design protects from dust and other contaminants
- Anti-static: ESD finish is available upon request



0.8~5X
Zoom Ratio: 1:6.3
Zoom knob with detents



Built-in dust cover



True-Trinocular,
0.4X video coupler



High Eye-Point,
Adjustable Eyepieces



Stereo Zoom Microscope with
10X Eyepieces and Track Stand



Stereo Zoom Microscope with 10X Eyepieces,
76mm -Arm and Boom Stand



Stereo Zoom Microscope with 10X Eyepieces and
76mm Pneumatic Arm Stand

MICROSCOPES * DIGITAL IMAGING * NON-CONTACT MEASUREMENT

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FOCUS SCOPE 850 STEREOMICROSCOPE

Accessories for Focus Scope 850 Stereo Zoom Microscope



FOCUS SCOPE 850 0.8~5X Binocular Body
(Optional Eyepieces for SZ-II)
FOCUS SCOPE 850T 0.8~5X Trinocular Body,
True-Trinocular (Optional Eyepieces for SZ-II)



10X Adjustable Eyepieces (pair)
15X Adjustable Eyepieces (pair)
20X Adjustable Eyepieces (pair)
0.5X Auxiliary Lens, O.D.: 60mm
2X Auxiliary Lens, O.D.: 60mm
Ring Adapter, O.D.: 49.5mm
Ring Adapter, O.D.: 60mm



Halogen Light Source 6V 20W
Brightness adjustable



76mm Post Stand

Ergonomic low position focus control is located for easy reach and operation. Limitation system on focusing unit protects the instrument from damage caused by misuse.

Weight: 2.75kg

Size of the Base: 280x240x25mm

The distance from the vertical post to the center of the plate: 128mm

The height of the post: 300mm

The travel distance: 105mm, 55mm step hole for adjustable



140mm Black and White Matte Finish Plate

Size of the Plate: 140x6.6mm



180mm Clear Glass Plate

Size of the Plate: 180x6.6mm

Optical Data

| Auxiliary Lens | Working Distance (mm) | Eyepieces | | | | | | | |
|----------------|-----------------------|-------------|----------|-------------|----------|---------------|----------|------------|----------|
| | | 10X (Φ22mm) | | 15X (Φ16mm) | | 20X (Φ12.5mm) | | 30X (Φ7mm) | |
| | | Mag. | FOV (mm) | Mag. | FOV (mm) | Mag. | FOV (mm) | Mag. | FOV (mm) |
| 1X | 115 | 8~50x | 27.5~4.4 | 12~75x | 20~3.2 | 16~100x | 15.6~2.5 | 24~150x | 8.8~1.4 |
| 0.5X | 211 | 4~25x | 55~8.8 | 6~37.5x | 40~6.4 | 8~50x | 31.2~5 | 12~75x | 17.6~2.8 |
| 2X | 43.5 | 16~100x | 13.8~2.2 | 24~150x | 10~1.6 | 32~200x | 7.8~1.3 | 48~300x | 4.4~0.7 |

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