



STEBA – Professional Stereo Microscope with Zoom Binocular/Trinocular

Download
Catalogue



Binocular/Trinocular head 45° inclined



Interpupillary distance 52-75mm



Magnification up to 300X



LED Illumination



Diopetre adjustment

COLO STEBA series of Stereo Microscopes is robust, and sturdy designed for professional use. Field of application is in scientific research work in the field of biology, forestry, archaeology, agriculture, geology, gemmology, mechanical engineering, electronics, education... Ergonomically designed universal stand, gives perfect opportunities to work with large observation objects. This microscope offers high resolution and good depth within a broad field of view. It provides crystal clear sharp stereo images. It is perfect for the examination of insects, plants, rocks, stamps, coins, jewel, soldered points, microelectronic components, circuit boards or virtually any three-dimensional objects. Fixed and adjustable magnification (zoom) combined with auxiliary lens provide maximum magnification up to 300X

3W LED transmitted and 3W LED incident, with separate adjustment of intensity STEBA Stereo Microscopes with trinocular head it can be equipped with a camera to ensure the acquisition of images and films of the observed object. Appropriate software performs photo processing, measuring lengths, surfaces, angles, adding comments...

FEATURES:

Destaticization: stand, zoom tube, 10X eyepieces and auxiliary objective are all equipped with destaticization. It is very helpful for users to observe the specimen with static (such as semiconductor chip)

Airproof Function: zoom tube and 10X eyepiece are both equipped with airproof function, and this ensures the instrument work properly when the humidity around is high

Ergonomics design can make users feel comfortable after long-time operation. High definition, broad wide field of view, long-distance work. Several of attachments can be added on this instrument (such as illumination, stand, eyepiece, objectives and etc.). STEBA601 is equip with ergonomic carrying grip



TECHNICAL SPECIFICATION

OPTICAL SYSTEM

- Greenough optics system with illumination

EYEPECES

- HSWF 10X/ Ø 20mm (Ø 23 mm optional)
- Eyepieces can be secured to the tubes

HEADS

- Binocular or trinocular head, tube 360° rotatable, with 45° inclined tubes. Interpupillary distance from 52 to 75 mm and is equipped with diopter adjustments (two is option).
- Diopter Adjustment: +/- 5dp
- The trinocular head comes with a Ø 30 mm photo port with fixed light path beam splitter (50:50)
- An optional ergonomic titling head (0:100 50:50) are also available (Optional)
- Zoom ratio: 6,7:1

ZOOM

- Objective zoom: 0,75x-5,0x
- SUPER wide zoom magnification range 8X-50X
- Crystal clear original true color microscope images
- High resolution optical system with great flatness and contrast
- Working distance 100mm
- Field of view 33mm to 5mm
- All optics are anti-fungus treated and anti-reflection coated for maximum light throughput
- SUPER widefield of view

ILLUMINATION

- 3W LED transmitted and 3W LED incident
- Can be used separately or simultaneously
- Can be adjusted separately
- LED ring light for reflexed illuminator (option)

STANDS

- Incident and transmitted light illumination
- The coarse adjustment is equipped with tension control
- Two clamps
- Ø 60 mm transparent frosted glass and black/white stage plate.
- The stands are alloy metal casted with hardened coating
- ESD compatible setup

PACKAGING

- Supplied with power cord, dust cover, a spare fuse, user manual.
- All packed in good quality foam and carton.

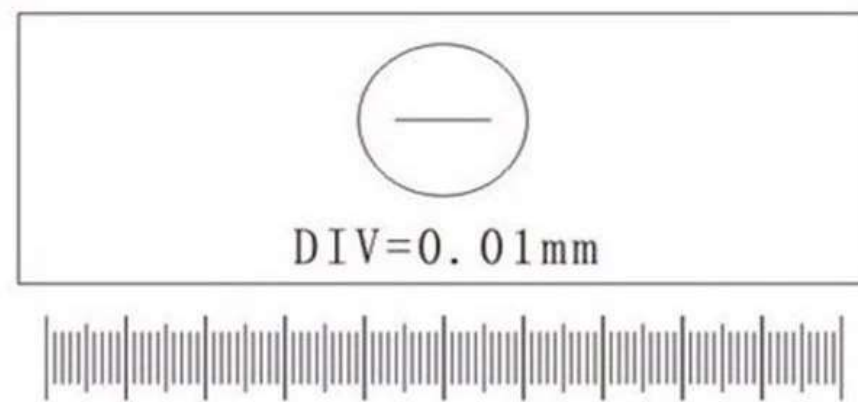
DIMENSIONS:

- 300x240x405(L*W*H)

NET WEIGHT

- Binocular: 4,6kg
- Trinocular: 5,5kg

MODEL STEBA	600B	600T	601B	601T	800B	800T	801B	801T
Binocular head, Interpupillary distance 52-75mm (50:50)	●	○	●	○	●	○	●	○
Total Magnification x	5-45	5-45	5-45	5-45	2.3-90	2.3-100	2.3-180	2.3-180
Trinocular head, Interpupillary distance 52-75mm (50:50)	○	●	○	●	○	●	○	●
Ergonomic carrying grip	○	○	●	●	○	○	○	○
Zoom tube	●●	●●	●●	●●	●●	●●	●●	●●
Eyepiece HSWF10X/20	●●	●●	●●	●●	●●	●●	●●	●●
Eyepiece HSWF10X/23	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece 15X/15	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece 20X/10	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece 25X/8	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece 35X/5	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece HSWF10X/20 (Pointer)	○○	○○	○○	○○	○○	○○	○○	○○
Eyepiece HSWF10X/20 (Cross)	○○	○○	○○	○○	○○	○○	○○	○○
Auxiliary Objective 0,5X	○○	○○	○○	○○	○○	○○	○○	○○
Auxiliary Objective 2X	○○	○○	○○	○○	○○	○○	○○	○○
Objectives	2.0x ESD (WD=38.6mm)							
Transmitted Illumination	●	●	●	●	●	●	●	●
Incident Illumination	●	●	●	●	●	●	●	●
LED Circular Illumination	○	○	○	○	○	○	○	○
Micrometre Measuring Slide	○	○	○	○	○	○	○	○
Camera reducing lens 0,4	○	○	○	○	○	○	○	○
Microscope camera 10MP with software	○	○	○	○	○	○	○	○
Microscope camera 18MP with software	○	○	○	○	○	○	○	○
Camera adapter C-mount 0.5	○	●	○	●	○	●	○	●
Power cord	●	●	●	●	●	●	●	●
Dust cover	●	●	●	●	●	●	●	●
Spare fuse	●	●	●	●	●	●	●	●
Instruction manual	●	●	●	●	●	●	●	●



Calibration Microscope Slide



STEBA600



STEBA601



STEBA800T



STEBA801T



ORING Led Light



LED Fiber Light

Please note

If this Microscope does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.