



# STEG45 Greenough Zoom Stereo Microscope 7x-45x

Binocular/Trinocular

Download  
Catalogue



**Greenough Optical System**



**Interpupillary distance 52-76mm**



**Magnification up to 45X**



**LED Illumination – Reflected light  
4.5W adjusted by dimmer 0-100%**



**Light intensity can be adjusted by  
dimmer**

## Applications:

- Biology: Dissection, entomology, botany
- Electronics: PCB inspection, micro soldering
- Industrial: Quality control, jewellery appraisal.
- Education: Student labs, training's

## Technical advantage

- Greenough Optical System
- High quality Oculars HSWF 10x $\phi$ 23 mm (anti-fungus, High eye point)
- Field of view 23mm
- Objectives: Continuous zoom 0.7x – 4.5x. (6.4:1 zoom factor).
- Field of view: 5.1mm – 32.8mm
- Total magnification 7x-45x
- The maximum height of the sample to be monitored 130mm
- Torque regulation
- Increase Ratio
- Maximum Sample Height 130mm
- The coarse adjustment is equipped with tension control
- Bright field

## TECHNICAL SPECIFICATION

### OPTICAL SYSTEM

- Greenough optics system with illumination

### EYEPECES

- HSWF 10X/Ø 23 mm (anti-fungus high eye point)
- Eyepiece magnification 10x
- Eyepieces can be secured to the tubes
- Field of view 5.1mm – 32.8mm
- Ocular diameter 29mm

### HEADS

- Binocular or trinocular head, tube 360° rotatable (rotation of the entire microscope tube by 360°), with fixed 45° inclined tubes.
- Interpapillary distance from 52 to 76 mm and is equipped with diopter adjustments on both side. -6 to +6
- 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

- Objective zoom: 0,7x-4.5x
- Crystal clear original true color microscope images
- Greenough High resolution optical system with great flatness and contrast
- Working distance 110mm
- Field of view 32.8mm to 5.1mm
- All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

### ILLUMINATION

- 4.5W LED incident light
- LED ring light for reflexed illuminator (option)

### STANDS

- Universal Telescopic Arm with Plate – Boom stand can be rotated around the pedestal pillar and fixed at the desired height by means of a tensioning mechanism. Can be moved back and forth for optimal positioning above the sample.
- Microscope Head Bracket Diameter 75mm
- Attachment stage diameter 35mm

### PACKAGING

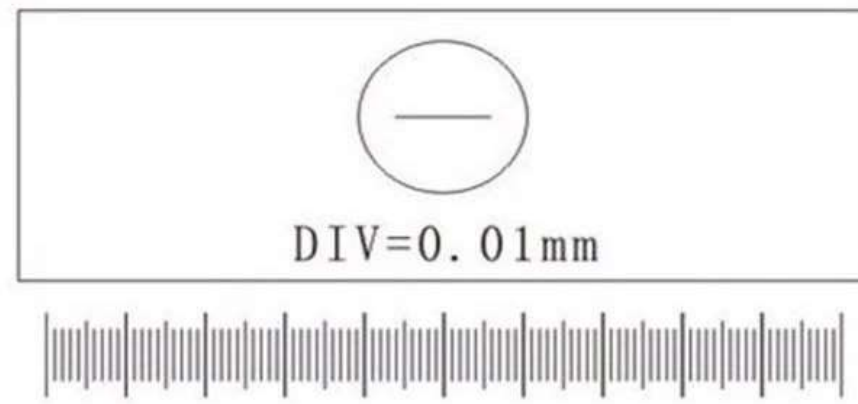
- Supplied with power cord, dust cover, a spare fuse, user manual.
- Set for microscope cleaning and maintenance

### DIMENSIONS:

- 300x240x405(L\*W\*H)
- Storage temperature -5C° to 40C°

### WEIGHT

- Binocular: 18kg
- Trinocular: 18,5kg
- Power supply 100-240V



Calibration Microscope Slide



ORING Led Light



LED Fibre Light



Specially designed ring-shaped microscopic head holder for fine-tuning focus. It is fixed with a silver screw on the front.

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.