

## BioBlue Microscope Series

Item# EBB-4253

### Eyepieces

- Widefield WF10X/18mm

### Head

- Trinocular head has 30° inclined tubes, interpupillary is adjustable between 48 and 75 and equipped with a +/-5 diopter adjustment on the left eyepiece tube. 360° rotatable and secured with a screw. Fixed light path through trinocular head splitter 50:50.

### Nosepiece

- Reversed quadruple (4) nosepiece on ball bearings.

### Objectives

- BioBlue EBB-4253 is equipped with semi-plan objectives:
- SMP 4x/0.10 WD 37.5mm
- SMP 10x/0.25 WD 6.54mm
- SMP 40x/0.65 spring WD 0.68mm
- SMP 100x/1.25 spring, oil immersion WD 0.22 mm
- Total magnification 40x, 100x, 400x, 1000x

*All optics are anti-fungus treated and anti-reflection coated for maximum light throughput.*

### Stage

- 130x130mm stage with mechanical 70x28mm XY translation stage.

### Condenser

- Condenser N.A. 1.25 with iris diaphragm and filter holder.

### Focusing

- Coaxial coarse and fine adjustments with 200 graduations. Precision 2 microns per graduation, 0.4mm per rotation. Total travel range is approximately 23mm. Supplied with an adjustable rack stop to prevent damage to sample and objectives. The coarse adjustments are equipped with friction control.



### Neoled™ Transmitted Illumination

- Adjustable 1W NeoLED™ illumination system for increased light output. Supplied with rechargeable batteries and integrated power supply for cordless operation.

### APL (Antimicrobial Protection Layer)

- APL is a revolutionary paint treatment applied to the most critical parts of our products. A microscope with APL will help restrict the growth of micro-organisms, including bacteria and mold.

### Package Contents

- Smart Styrofoam packaging ensures a low environmental footprint while maintaining maximum safety during transport. Supplied with power cord, dust cover, 5ml oil immersion, user manual.