

BioBlue Microscope Series

Item# **EBB-4220-LCD**

Head – LCD Screen

- 7" HD LCD screen
- Screen resolution 1920x1080 @ 30fps
- Save images and videos directly to micro-SD card Image resolution up to 1844x1080 in .JPEG format Video resolution 1280x720 .AVI format
- Basic measurement function(line) with calibration. Calibration slides available.
- 2-year warranty for the screen

Nosepiece

- Reversed quadruple (4) nosepiece on ball bearings.

Objectives

- BioBlue EBB-4200-LCD is equipped with semi-plan objectives:
- SMP 4x/0.10 WD 37.5mm
- SMP 10x/0.25 WD6.54mm
- SMP 40x/0.65 spring WDO.68mm
- Total magnification 40x, 100x, 400x

Objectives with "S" means spring loaded.

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

Stage

- 130 x 130mm with mechanical 70 x 28mm X-Y 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.

Led Transmitted Illumination

- 1W LED with rechargeable batteries (not included) 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, a spare fuse, white filter, user manual.