

XSZ-107LCD Trinocular Microscope with LCD screen



1. **Head:**
Sliding Trinocular Head, Inclined 45 degree, with 11.6" LCD screen with 5.0Mega;
2. **Wide Field Eyepiece:**
WF10X;
3. **Objective:**
Achromatic 4X, 10X, 40X and 100X;
4. **Stage:**
Double Layer Mechanical Stage, 132*140 Range: 75*45;
5. **Focusing:**
Coaxial Coarse and Fine adjustment, Focusing range 30mm, Focusing interval 0.002mm;
6. **Condenser:**
Abbe NA=1.25 with iris Diaphragm and Filter;
7. **Illumination:**
Halogen Lamp 220V/6V 20W or 110V/6V 20W
(LED lamp is optional)

CCD & LCD Spec:

1. Item No.: H-201909567
2. Panel Type: TFI-IPS
3. Resolution: 1280 x 800
4. Aspect Ratio: 4:3/16:9+
5. Contrast Ratio: 1500:1
6. Brightness: 600cdm²
7. Appearance size: 25(W)x11(H)cm
8. Working Voltage: 12V
9. Working current: 2A
10. OSD Language: Chinese English German French Spanish Portuguese Russian, etc.
11. Viewing angle: 120 degrees (full view)
12. CCD: 1/2.7-inch CMOS
13. Total pixels: 500W

14. Synchronisation system: Internal synchronisation
15. Minimum illumination: 0.5 LUX (F1.2, 5600K)
16. Horizontal Definition: 1080P/60 frames
17. White Balance Mode: Auto Tracking
18. White balance range: 3200-10000 K
19. Signal-to-noise ratio: 48dB (min) 52dB (max) (Auto Gain Off)
20. Electronic shutter: 1/50-1/100,000 seconds continuous
21. (PAL system)/1/60-1/120,000 seconds continuous (NTSC system)