

POPEYE

EYEPieceLESS STEREO MICROSCOPE

Popeye microscope employs a very unique optical system that eliminates the need for eyepieces found in conventional microscopes. From this kind of Superior ergonomics design, operator will suffer little eye-strain, while getting truly superb 3D stereo images. With a full range of magnification options up to 20X, popeye is a high performance system for inspection and reworking .

* Superb ergonomics

Superb ergonomical design makes working and viewing more comfortable.

* Eyepieceless design

Eyepieceless design reduces eye-strain and prolongs period of working time.

Operator can work more comfortably and efficiently.

* Large viewing lense

Up to 7mmX13mm viewing lens.



* Built-in adjustable LED light

Two separate LED lights are provided directly from the microscope head.

They provide cold ,shadow free and adjustable angle illumination.

42LED's

Input: AC100V ~ 240V,50/60HZ;

Output: DC12V, 0.14A

* Wide selection of objectives

A variety kind of optional objectives are available:
2X, 4X, 6X, 8X, 10X.

* Easy switching magnification

Switching between magnifications could be easily done, as the microscope could hold three objectives simultaneously.

System magnification options: 4X, 8X, 12X, 16X, 20X.

* Flexible stand

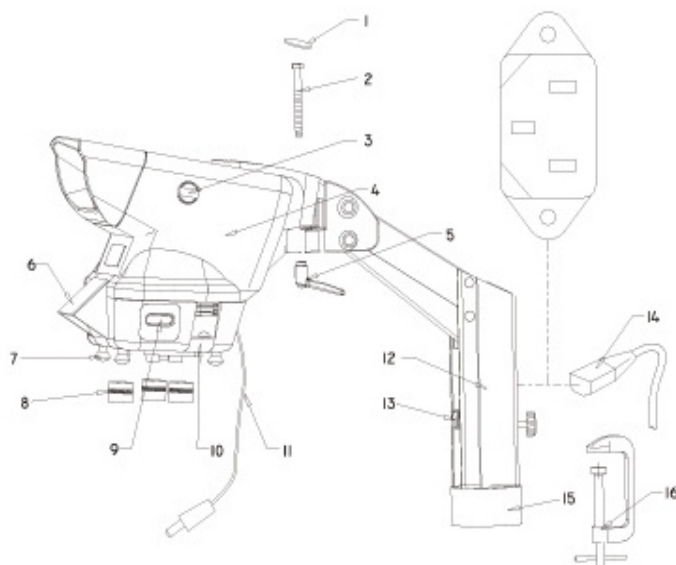
Flexible boom stand make it easy to fix on the table and set height to fit your body.



Your Visual & Measurement Specialist

- ★ Experience Vision Innovation!!
- ★ Superb ergonomics
- ★ Eyepieceless

Outline Diagram:



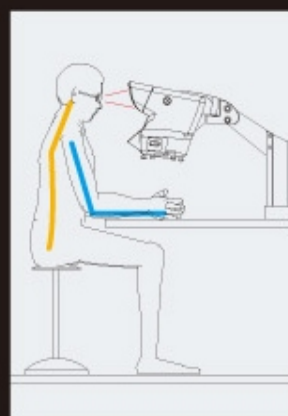
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|------------------------|----------------------------------|
| 1. Cover Plate | 9. Illumination Angle Adjustment |
| 2. Screw | 10. Internal LED Light |
| 3. Parfocal Adjustment | 11. Low Voltage Plug |
| 4. Microscope Body | 12. Stand |
| 5. Locking Lever | 13. On-off Switch |
| 6. Anti Glare Shield | 14. Power Supply Cable |
| 7. Grip | 15. Base |
| 8. Optional Objective | 16. "G" Clamp |

Optical Data

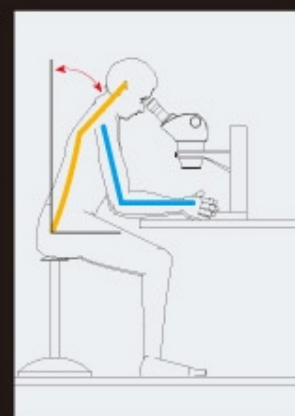
Objective	Field of view (mm)	Working Distance(mm)	System Magnification
2X	68	208	4X
4X	34	98	8X
6X	23	80	12X
8X	17	58	16X
10X	14	46	20X

* Popeye VS Conventional Microscope

1. Freedom of head and body movement
2. More comfortable viewing angle and position
3. Increased field of view and viewing area
4. Extending working distance
5. Eye relief that allows for wearing glasses



Popeye



Conventional Microscope

Dimension Diagram:

(Unit: mm)

Weight: Head 4.5 kgs, stand 5 kgs

