

# Mshot

Guangzhou Micro-shot Technology Co., Ltd.

## Fluorescence Biological Microscope MF23



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# MF23 Fluorescence Biological Microscope

MF23 adopts infinity plan achromatic objectives and large field eyepiece, which can be observed with binocular or trinocular, equipped with LED fluorescence excitation device, and with bright field and fluorescence observation, for clinical laboratory observation of small cells, tissues and other samples.

## Specification

Optical system	Infinity optical system
Observation tube	Field of view: 20, trinocular observation tube: 100:0,50:50,0:100
Objectives	Plan 4X/0.10, WD: 27.8 mm
	Plan 10X/0.25, WD: 8 mm
	Plan 40X/0.65, WD: 0.6 mm
	Plan 100X/1.25(Oil), WD: 0.13 mm
Transmitted illumination	Bright field: 6V 20W halogen lamp or built-in 0.5W LED lighting system
Focusing system	Fine adjustment scale value 2.5 $\mu\text{m}$ , per rotation: 0.3mm, focusing range 15mm, coarse adjustment tension is adjustable
Nosepiece	Fixed quadruple nosepiece
Stage	Size:120mm×132mm,moving range:76mm×30mm
Condenser	Abbe condenser, numerical aperture 1.25, built-in aperture diaphragm
Fluorescent illumination	0.5W LED
	Blue(B) Excitation:450-490nm, Emission:520nm
	Green(G) Excitation:510-550nm, Emission:590nm(Optional)
	Ultraviolet (UV) Excitation:330-380nm, Emission:420nm(Optional)



**Guangzhou Micro-shot Technology Co.,Ltd.**

Add: Rm A-506, Vanke Cloud, 1933 Huaguan Road, Tianhe District, Guangzhou, China

 [www.m-shot.com](http://www.m-shot.com)  400-880-1910