

## FLUORESCENCE ► FLUO3



FLUO3

FLUO-3 Fluorescence microscope is equipped with plan-achromatic Infinity optics objectives and a Epi-Fluorescent illuminator. The extra wide field 10x/22 eyepieces allow inspection of a large part of specimen at same time. It can mount phase contrast objectives too, as optional.

This microscope is an essential tool for biology and in biomedical science, as well in live cell science.

HBO 100W Mercury lamp and a complete set of filters (B-G-V-UV) allow this Microscope investigation of most of biomedical specimen.

Included: protection cover, oil bottle, user manual

SPECIFICATIONS		FLUO-3 series	
Optical system	Infinity corrected optics system		
Illumination	Built-in transmitted Kohler illumination 6V 30W Halogen bulb with diaphragm. Adjustable Intensity Epifluorescent illumination: High pressure Mercury lamp DC 100W. Adjustable.		
Eyepieces	Extra Wide field WF10x/22mm		
Objectives	Infinity PLAN ACHROMATIC 4x/0.1; 10x/0.25; 40x/0.65; 100x/1.25 (oil immersion)		
Filters	Green (G), Blue (B), Violet (V), UltraViolet (UV)		
Focusing	Macrometric and micrometric coaxial knobs on both sides. Tension adjustment and upper limit excursion adjustment		
Revolving nosepiece	Quintuple nosepiece, rotating and locking at every objective.		
Observation tube	Type	Trinocular	
	Tube inclination	30° tilted, 360° rotatable	
	Interpupillary distance adjustment	55-75mm, dioptric difference adjustment $\pm 5$ mm	
	Light path selector	100% - 0% or 0% - 100%	
Stage	210x140mm. Excursion XY: 75x50mm (div.0,1mm)		
Condenser	Abbe condenser, N.A. 1,25. Equipped with diaphragm and filter seat. Height and centering are adjustable.		

ADDITIONAL ACCESSORIES			
Code	Description	Code	Description
MB050024	Infinity Plan complete Phase contrast KIT	MB010012	Eyepiece 15x
MB120001	Micrometric slide 0.01mm	MB010011	Micrometric 10x eyepiece
BLACKLIGHT	BLACKLIGHT CCD digital camera	MB020052	Plan achromatic objective 20x

ORDERING CODES			
Code	Description		
FLUO3	HBO 100W Mercury lamp, B/G/V/UV filters		