

STALWART

(LED) Fluorescent Biological Microscope STM-2036F(LED) Series



STM-2036F(LED) Series

Introduction

STM-2036F(LED) Series LED fluorescence microscopes are newly developed microscopes, the microscopes use LED as the light source, the life span of the LED lamp is much longer than mercury lamp. It has 6 turret positions for filter cubes, more filter cubes can be used together.

Features

- Excellent fluorescent image with infinite optical system.
- LED illumination with 50,000 hours life span.
- Convenient to use, no need warm-up.
- No need for cooling due to LED cold light source.
- 6 positions for filter cubes.

Specification

Item	Specification	STM-2036FB (LED)	STM-2036FT (LED)
Optical System	Infinite Optical System	Standard	Standard
Viewing Head	Seidentopf Binocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	Standard	
	Seidentopf Trinocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm, Light Distribution: 20:80 (eyepiece: trinocular tube)		Standard
Eyepiece	WF10×/20mm	Standard	Standard
	WF16×/13mm	Optional	Optional
	Reticule Eyepiece WF10×/20mm (0.1mm)	Optional	Optional
Objective	Infinite E-Plan Achromatic Objective 4×, 10×, 40×, 100× (Oil)	Standard	Standard
	Infinite Plan Achromatic Objective 4×, 10×, 20×, 40× (S), 60× (S), 100× (Oil) (S)	Optional	Optional
Nosepiece	Backward Quadruple Nosepiece	Standard	Standard
	Backward Quintuple Nosepiece	Optional	Optional
Focusing	Coaxial Coarse & Fine Focusing knoSTM, Travel Range: 26mm, Scale:2um	Standard	Standard
Stage	Stage Size: 145×140mm, Cross Travel 76×52mm, Two Slide Holder	Optional	Optional
Condenser	Abbe Condenser NA1.25 with Iris Diaphragm	Standard	Standard
Transmitted Illumination	3W-LED Illumination Systems, Brightness Adjustable	Standard	Standard
	6V/20W Halogen Lamp, Brightness Adjustable		
	6V/30W Halogen Lamp, Brightness Adjustable	Optional	Optional

Specification

Optional Accessories	Field Diaphragm, Photo adapters(for DSLR cameras), Video adapters(1X, 0.5X), Polarization set, Phase contrast kit, filters, mirror, Cable Winding Device				Optional	Optional
Reflected Light		Excitation	Dichroic Mirror	Barrier Filter		
Source	Blue excitation	420-490	505	520	Standard	Standard
Fluorescent	Green excitation	500-550	575	590	Standard	Standard
Lamp	Uv excitation	330-380	400	435	Optional	Optional
Package	V excitation	380-420	430	460	Optional	Optional
Fluorescent Lamp	5W LED Lamp				Standard	Standard
Package	42cm*28cm*45cm, 40cm*20cm*40cm, 12kg				Standard	Standard