



Upright Fluorescence Microscope

STF31



2023 V1

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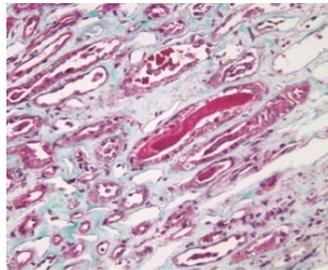
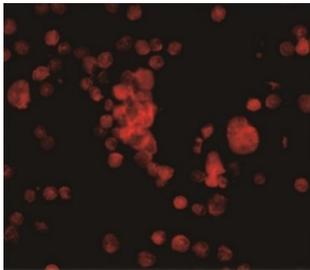
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Upright Fluorescence Microscope STF31

This SIMTRUM Upright Fluorescence Microscope STF31 runs under an infinity optical system and is equipped with LED fluorescence light source, compatible with phase contrast upgrade. It is easy to use and can improve laboratory working effectively.



Fluorescence microscope bring a vivid full-range view and high contrast fluorescence image and bright field image by adopting excellent quality infinity optical system combined with blue LED fluorescence illuminators



Features

- LED fluorescence illumination
- Both bright field and fluorescence are LED
- Compact design in one unit

Benefits

- Energy saving, environment and user friendly.
- Improve laboratory working efficiency.
- Functional with various fluorescence samples.

Advantages

- Different wavelength fluorescence optional
- Easy to use and long working life
- Compatible with phase contrast upgrade

Specifications

Optical System	Infinity optical system
Observation Head	Trinocular tube, 30° inclined; Pupil distance 53-75mm
Eyepieces	Wide field WF10X/FN22mm
Fluorescence Illumination	EF:420-480nm / DN:>500nm / BF:>510nm Blue LED
Nosepiece	Quadruple nosepiece with backward
Objectives	Infinity plan Achromatic objective 4x/0.1 W.D=21.5mm
	Infinity plan Achromatic objective 10x/0.25 W.D=7.5mm
	Infinity plan Achromatic objective 40x/0.65 W.D=0.65mm
	Infinity plan Achromatic objective 100x/1.25 W.D=0.185mm
Condenser	Abbe NA.1.25, Built-in aperture diaphragm
Focusing System	Fine and coarse adjustment with tension and limited stopper, 2um scale, coarse circle 40mm, fine circle 0.2mm, focusing distance 24mm
Stage	Double stage, Sizes:210x140mm;;moving range:76x50mm
Kohler Illumination	White LED, brightness adjustable
Power Source	AC, 100-240V, 50-60Hz
Port	0.5X C-count adapter