

Microscopy from Carl Zeiss

PRIMOSTAR



CARL ZEISS Trinocular Microscope PRIMOSTAR with the provision for camera attachment for superior imaging experience.

SALIENT FEATURES

- Robust
- Durable
- Easy to operate
- Cost-effective
- High performance ratio
- Modular illumination
- High resolution HDMI camera attachment
- Large field of view (FOV)

THE LED FLUORESCENCE ATTACHMENT



WHAT'S NEW?

Add our new fluorescence attachment for a much better fluorescence imaging experience. Available in one color, two color, three color and four color modes.

SALIENT FEATURES

- Stable performance
- Long life (>50,000 hours)
- Best compatible with Primostar
- Automatic light path adjustment
- Multi-brand microscope support

APPLICATIONS



Fluorescence has gained widespread importance in the fields of

- Bioengineering
- Microbiology
- Genomics
- Proteomics
- Medical diagnosis for respiratory diseases, tuberculosis and autoimmune diseases.

FILTER SET DATA SHEET

Light Source	Central Wavelength	Excitation Filter	Dichroic Mirror	Emission Filter
UV	365nm	330-380nm	>400nm	>420nm
V	405nm	395-415nm	>420nm	>440nm
RB	450nm	420-480nm	>500nm	>510nm
B	475nm	460-490nm	>500nm	>510nm
G	530nm	510-550nm	>570nm	>590nm
Optional	With client's specific requirement, filters in Chroma, Semrock, Omega are optional			

HIGH RESOLUTION CAMERA ATTACHMENTS



The Tucsen ISH 500 camera attachment can either be fixed on the Trinocular or directly on one of the eyepiece of your existing microscope.

It is compatible with all kinds of microscope brands and is cost effective.

The camera can be connected to a desktop/laptop with a USB cable. No other cables/connections required.



Tucsen's milestone TrueChrome HD color camera is a standalone HDMI imaging solution offering FULL HD (1080p60) preview.

The camera can be directly connected to a monitor without a PC.

Individual or multiple output provision available (HDMI 1080p, USB2.0 or SD card)

Images can be viewed on HDMI installed TV's too.

The camera ensures high resolution live images without lag.