

TRINOCULAR HEAD

Trinocular head can connect with many kinds of video & photo accessories, output the image to monitor or computer, and do image analysis, processing, preservation and transmission

**FIELD DIAPHRAGM ACCESSORIES**

Standard specification is fixed Koehler illuminator. According to actual requirement, can select variable field diaphragm. Rotate into microscope condenser, very easy to install.

OPTIK20 BIOLOGICAL MICROSCOPE**VIDEO & PHOTO ACCESSORIES**

Through special C-mount and relay mirror, mount the digital camera on the microscope, take pictures quickly and acquire image.

**VARIOUS FILTERS FOR OPTIONAL**

When under phase contrast observation, you can choose the green filter or IF550 phase contrast interference filter to get the best observation effect

When using halogen illumination, choose blue filter or LBD filter can help to get best image contrast

According to the actual requirement, you can choose different filters to adjust the color of background to get the required result.

DIGITAL MICROSCOPE

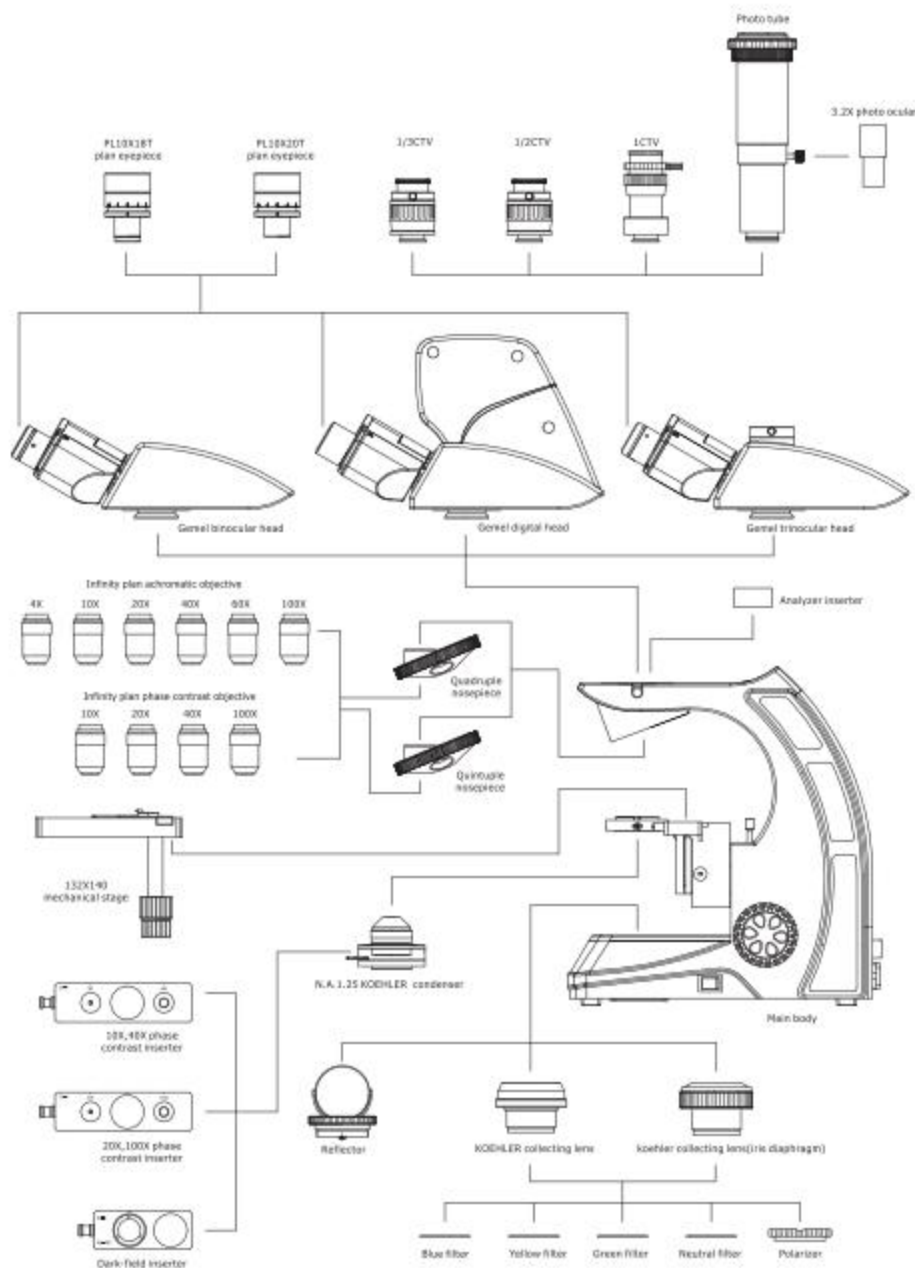
OPTIK20 digital microscope, adopt 3 mega. pixels digital CMOS chip, 1/2" target surface. Progressive scan, USB2.0 output, high transmission speed and Signal-to-Noise ratio, can do the real-time image capture.

PhotoLib professional image processing software, covering all conventional image processing functions, and advanced particle automatically identify and quantitative analysis capabilities, to fully meet the requirements of your professional image analysis



OPTIK20 CONFIGURATION CHART :

Model	OPTIK20
Optical system	Infinity color corrected optical system
Eyepiece	PL10X/18T , FN18mm with adjustable diopter
	PL10X/20T , FN20mm with adjustable diopter
Objective	OSP Infinity Plan Achromatic objectives
Viewing head	30°inclined Gemel Binocular Head
	30°inclined Gemel Trinocular Head, Light splitting ratio R:T=8:2
	30°inclined Gemel Digital Head (3 mega. pixel)
Nosepiece	Reversed quadruple nosepiece
	Reversed quintuple nosepiece
Stage:	140X132mm mechanical stage, move range 76X50mm
Condenser	N.A.1.25 Koehler illuminatory condenser(with socket for phase contrast and darkfield accessories)
Focus	Coaxial focus system with tension adjustable, coarse:25mm per rotation, with upper limit and tightness adjustment.
Illuminator	100V-240V flucturate of voltage, Single high brightness 3W LED with continuous intensity control
	100V-240Vflucturate of voltage, Philips 6V/20W halogen bulb with continuous intensity control



OPTIK20 Dimension Chart : mm

