Jain Laboratory Instruments

Product Code . JL-M-8127

Super Widefield Digital Trinocular Zoom Stereo Microscope

Description

Super Widefield Digital Trinocular Zoom Stereo Microscope

Description:-

Designed to be outfitted with a variety of lens accessories to increase or reduce magnification.

The trinocular model synchronizes imaging for both eyepiece observation and digital imaging.

A fully coated optical system which provides sharp and clear imaging with extreme flatness and contrast.

With a large zoom range and long-working distance.

It can produce the best reproduction and true color imaging.

DN cameras are a new generation of routine cameras with high resolutions.

With a digital camera, it is excellent for photomicroscopy or uses with an LCD screen.

Ideal for high-magnification, high-resolution observation in biological research, semi-conductor and other precision-oriented industries.

They offer Plug-and-Play compatibility and come with user-friendly, efficient imaging software.

It is a good choice for research, medicine, education and industry applications.

Plug-and-Play compatibility allows you to connect more than one camera to a PC at the same time, all you need to do is to plug it into your computer.

Furthermore, the software, it allows 3rd party applications to set up and controls DN cameras - which gives you more options.

Our software is free and easy to use and additional processing functions provide strong support for your scientific research.

Specification:-

Magnification	Standard magnification: 6.6X~50X. Magnification range can be 3.3X~200X with auxiliary objectives a
Viewing Head	Trinocular head (20/80 light splitting ratio), 45° inclined and 360° rotatable.
	Interpupillary distance adjustable from 54mm-76mm.
Eyepiece	10X wide-field, high eyepoint
	Two diopter adjustment of +/-5 on both eyepieces
	Paired 10X/23mm, optional eyepieces WF20X/12mm and reticle eyepieces WF10X/23mm available (
	Eyeshades on both eyepieces
	The eyepieces can be locked on with set screws to prevent students from removing them.
Zooming Body	Standard objective zooming magnification: 0.66X ~ 5X, Zoom ratio: 1:7.6, parfocal, working distance
	Ergonomically positioned dual, graduate, bilateral zoom control knobs
	Auxiliary objectives: 0.5X/189mm working distance, 2.0X/36mm working distance available (not inclu
Working Distance	Standard working distance of 110mm, working distance range 36mm~189mm with auxiliary lens
Focusing Arm	Heavy duty rack and pinion focusing with slip clutch
	Two focusing knobs with tension adjustment, 140mm focus distance range
Stage	Includes one 99.5mm glass stage plate and one 99.5mm reversible black/white stage plate.
	Locked-on spring-mounted stage clips
	2D Travelling stage available (not included)
Illumination	Top light: diagonally adjustable top incident LED light. Brightness can be continuously adjusted indep
	Bottom light: transmitted LED light. Brightness can be continuously adjusted independently
	Built-in illumination system allows three ways of illumination: transmitted, incident, or dual lighting.
	Top and bottom lights are controlled respectively
Imaging	Trinocular head available 20/80 light splitting ratio. Trinocular synchronization imaging, eyepiece obse light does not need to be switched.
	Built-in digital imaging unit, dependable performance, and convenient operation.
	0.7X focus adjustable C-mount, 0.5X focus adjustable C-mount, and 0.35X focus adjustable C-mount
DN Series Digital Eyepiece Camera	Advanced camera control;
	Capturing high-quality images. Great for observing live images on your screen and still images.
	Simply install the IS Capture easy to use the software. Compatible with Windows XP/7 /8 (32 & 64 bit
	Acquisition of still images and video. Available image types: JPEG, BMP, TIFF, and RAW.
	Extend depth of focus (Focus Stacking)
	Image management and image stitching
	High dynamic range (HDR) function

	Fluorescence imaging settings; fluorescence combination function for still images
	Live image measurements; still image measurement