



KOPPACE USB 2.0,5MP, Microscope Digital Camera, Trinocular Stereo Microscope, WF10X/20 Eyepieces, 3.5X-90X Magnification, 144 LED Ring Light

KP-5100KPA-L2

Optical Enlargement: 3.5X-90X
Eyepiece: High eyespots wide-field eyepiece WF10X/20
Zoom Objective: 0.7X-4.5X
Working Distance: 30mm-165mm
Auxiliary lens: 0.5X/165mm, 2X/30mm
5 million pixels USB2.0 Industrial Camera
Provide professional image measurement software

Description

KP-5100KPA-L2

Optical Enlargement	3.5X-90X
Eyepiece	High eyespots wide-field eyepiece WF10X/20
Objective lens	0.7X-4.5X
Viewing Head	Trinocular stereo microscope view head inclined at 45 degrees. The pupil distance adjustment range 54 mm-76mm
Working Distance	30mm-165mm
Auxiliary lens	0.5X/165mm, 2X/30mm
Focusing bracket	Focusing handwheel tightness is adjustable, lifting range 50mm

Dual arm bracket	Lifting range:275mm,base column 210*260*51mm,Column diameter 32mm, lens aperture 76mm,vertical height 380mm, horizontal movement 235mm
LED light source	LED Qty 144 ,Internal diameter size 64mm,Diameter size 94mm,Input voltage AC90-240V,Maximum output power 4.5W,Voltage 12V0.5A
Camera eyepiece interface	23.2mm Electronic eyepiece Dedicated interface
Camera eyepiece interface	0.5X reduction lens
Sensor	5.1M/AR0521(C)
Sensor Size	1/2.5" (5.70x4.28)
Resolution	2592x1944 5 million pixels USB2.0
Pixel Size	2.2µmx2.2µm
Frame Rate	30@2592x1944,30@1280x960,30@640x480
Exposure	0.1-1000 ms
White balance	ROI White Balance/ Manual Temp-Tint Adjustment
Capture/Control API	Native C/C++, C#,Directshow,Twain,Labview
Recording mode	Image and video
Cooling System	Natural
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH

Advanced software for Windows:

- offers **Stitching, EDF,video recording and measurement functions**
- conducts measurements for lengths,angles,arcs, areas and etc.

- gives your computer screens the same field of view as your microscope's eyepiece
 - saves still images in BMP, TIFF, JPG, PICT, PTL or other formats
 - edit and process microscopy images in a manner similar to PhotoShop
 - live video and still image capture can be set in different resolutions simultaneously
- More features: add layers, watermarks, mosaics, tiles; adjust color balance, exposure, saturation, contrast, orientation; change resolution, histogram, granulation, diffusion; transform images via edge detection, digital image warping; conducts measurements for single, parallel or perpendicular lines and rectangular, elliptical and irregular areas; adds notes, measurements, text, arrows, labels, and etc. using customizable text with different sizes and colors; conducts measurements in microns, millimeters, centimeters, inches,

Packing List :

- 1、 Eyepiece WF10X/20 one pair
- 2、 Focus rack *1
- 3、 Eye guards one pair
- 4、 0.7X-4.5X Trinocular zoom objective *1
- 5、 144 LED ring light *1
- 6、 Pillar stand and Base Plate *1
- 7、 Dust cover *1
- 8、 0.5X Auxiliary lens *1
- 9、 2X Auxiliary lens *1
- 10、 Dual arm bracket *1
- 11、 0.5X Zoom out lens *1
- 12、 5MP USB2.0 digital camera *1
- 13、 1.8m USB cable *1
- 14、 CD drive *1
- 15、 Installation instruction *1

Note: Simultaneous Observation Through Both the Eyepieces and the Trinocular Port. No need to switch, Simultaneous imaging.