



## KOPPACE 10 million pixels,3.5X-90X,Trinocular Stereo Microscope, Single arm bracket, Industrial inspection Microscope, USB 3.0 Industrial Camera, 144 LED Ring Light, Provide professional image measurement software

### KP-1000KPA-L1

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  
10 million pixels USB3.0 Industrial Camer  
Provide professional image measurement software

### Description

#### KP-1000KPA-L1

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

Single-arm bracket	base column 230*260*40mm,lens diameter 32mm,lens aperture 76mm, vertical height 348mm,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 interface	1XCTV,0.5XCTV
Sensor	10MP/MT9J003 CMOS
Sensor Size	1/2.3
Resolution	3584x2746 10 million pixels
Pixel Size	1.67μm×1.67μm
Frame Rate	7.2@3584x2746,24.5@1792x1372
Exposure	0.1ms~2000ms
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、Single-arm bracket \*1
- 11、Camera interface 1XCTV,0.5XCTV \*1
- 12、10MP 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.