



## KOPPACE 50X-500X Trinocular Metallurgical Microscope LED lighting System 12 Million Pixels USB2.0 Camera Measurement Software

### KP-CX40M12MP

Magnification: 50X,100X,200X,500X

Eyepiece: High eye point large field of view flat field eyepiece PL10X22mm

Objective lens: Flat field infinity long working distance achromatic metallographic objective (5x,10x,20x,50x)

Observation tube: 30° tilt, infinity hinge binocular viewing tube, pitch adjustment: 54mm~75mm, unilateral diopter adjustment: ±5 diopter

### Description

Model	KP-CX40M12MP
Magnification	50X,100X,200X,500X
Optical system	Infinity chromatic aberration correction optical system
Observation tube	30° tilt,infinity hinge binocular viewing tube,pitch adjustment: 54mm~75mm,unilateral diopter adjustment:±5 diopter
eyepiece	High eye point large field of view flat field eyepiece PL10X22mm
Objective lens	Flat field infinity long working distance achromatic metallographic objective(PL5X/0.15 WD10.8mm,PL10X/0.3WD12.2mm,PL20X/0.45 WD4mm,PL50X/0.55 WD7.9mm)
Objective lens converter	Internal positioning five-hole converter
Coarse and fine focusing mechanism	low-handed coarse and micro-coaxial focusing mechanism,coarse adjustment stroke 28mm,fine adjustment accuracy 0.002mm.Adjustable tensioning device with anti-slip and random upper limit device.Up and down adjustment mechanism with platform position,maximum sample height 28mm
Operating platform	Double-layer mechanical moving platform,low-position X,Y direction coaxial adjustment;platform area 175X145mm,moving

	range:76mmX42mm can be equipped with reflective metal carrier plate,transflective glass carrier plate
Upper lighting system	Adaptive wide voltage 100V-240V_AC50/60Hz,reflector lamp room,single high power 5WLED,warm color,Corolla illumination,with field diaphragm and aperture stop,center adjustable,with oblique illumination
Under lighting system	Adaptive wide voltage 100V-240V_AC50/60Hz,transmissive lamp room,single high power 5WLED,warm color
Condenser	Transmissive shake-out achromatic condenser (N.A0.9) with variable aperture stop,center adjustable
Trinocular interface	0.5X C-mount interface,adjustable focus
Pixel	12 million pixels
output method	USB2.0
sensor	12M/IMX577(C)
Sensor size	1/2.3" (5.95x4.71)
Resolution frame rate	20@3840x3040,20@1920x1520,20@960x760
Pixel size	1.55μmx1.55μm
Exposure time	0.1ms~2000ms
Exposure	Auto/Manual
White Balance	Auto/Manual
Operating System	Built-in KOPPACE image Measurement Software
Shooting Mode	Images and videos
Cooling System	Natural
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Working Humidity	30~80%RH
Storage Humidity	10~60%RH
Measurement Function	Point Spacing,Point line Spacing,line Spacing,Center Distance,arc,Circle,Angle,rectangle,Polygon Measurement,Calibration Function
<b>Packing List :</b> 1、Eyepiece PL10X/22 one pair 2、Objective lens 5X *1	

- 3、 Objective lens 10X \*1
- 4、 Objective lens 20X \*1
- 5、 Objective lens 50X \*1
- 6、 Microscopic body \*1
- 7、 degree rotatable trinocular head \*1
- 8、 Power cord \*1
- 9、 12 Million Pixel Digital Camera \*1
- 10、 1.8m USB Cable \*1
- 11、 CD With Software \*1
- 12、 Measuring Calibration Ruler \*1

**Note:**

- 1、 We Will Provide Products With Suitable Voltage According to The Country/Region Where the Customer is located,and also Provide EU Plugs,American Plugs,
- 2、 This product does not contain a computer.
- 3、 This product has up and down lighting system.