



KOPPACE 18 Million Pixels 50X-500X Metallurgical Microscope up and Down LED Lighting System USB3.0 Camera Measurement Software

KP-CX40M18MP

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-CX40M18MP
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	18 million pixels
output method	USB3.0
sensor	18M/Sony Special
Sensor size	1/2.2"(5.86x4.46)
Resolution frame rate	17@4880x3720,40@2448x1836,50@1728x1296
Pixel size	1.2μm x 1.2μm
Exposure time	0.1ms ~ 15s
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
Packing List : 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、 18 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.