



KOPPACE 50X-500X Trinocular Metallurgical Microscope 12 Million Pixels USB2.0 Camera Provide image Measurement Software

KP-PH200M-12MP

An advanced metallurgical microscopy system with reflected illumination
 Polarized lighting for structural analysis
 Long working distance flat field achromatic metallographic objective (5X,10X,20X,50X)
 High eye point large field of view flat field eyepiece PL10X/18mm
 Co-axial coarse & fine focusing system
 30° tilt, inverted image, hinged trinocular viewing tube

Description

Model	KP-PH200M-12MP
Magnification	50X,100X,200X,500X
Optical System	Finite Vision optical System
Eyepiece	High eye point large field of view flat field eyepiece PL10X/18mm
Objective lens	Long working distance flat field achromatic Metallographic Objective (5X/0.13WD 15.5mm,10X/0.25 WD 8.7mm,20X/0.4 WD 8.8mm,50X/0.6WD 5.1mm)
Observation Tube	30° tilt, inverted image,hinged trinocular viewing tube
Objective lens Converter	Internal positioning Four-hole converter
Focusing Mechanism	Low-handed coarse-coaxial focusing mechanism with fine-tuning accuracy of 0.002mm,adjustable tensioning device for preventing slippage and random limit device for preventing slicing,fast focusing,built-in 5W LED transmission light illumination,up and down lighting switching

Focusing Mechanism	Double-layer mechanical moving platform,coaxial adjustment of X and Y directions in low hand position;platform size 140mm×132mm (with 180mm×145mm flat platform, 102mm×102mm glass stage),moving range: 76mm×50mm
Upper lighting system	Adaptive 100V-240V wide voltage,reflector lamp room,single high power 5WLED,warm color,with field diaphragm,aperture stop,center adjustable;with color filter slot and polarizer slot
Polarizing Device	Polarizer insert,analyzer insert
Pixel	12 Million Pixels
Interface	USB2.0
Sensor	12M/IMX577(C)
Sensor Size	1/2.3" (5.95x4.71)
Resolution	20@3840x3040,20@1920x1520,20@960x760
Like Yuan Size	1.55 μm×1.55 μm
Exposure Time	0.1-2000 ms
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/18 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 lighting system.