



KOPPACE Trinocular Metallurgical Microscope USB3.0 Camera 50X-500X 18 Million Pixels Provide image Measurement Software

KP-PH200M-1800

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

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| Model | KP-PH200M-1800 |
| 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 |

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| | device for preventing slicing,fast focusing,built-in 5W LED transmission light illumination,up and down lighting switching |
| Operating Platform | 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 | 18 Million Pixels |
| Interface | USB3.0 |
| Sensor | 18M/Sony Special |
| Sensor Size | 1/2.2"(5.86x4.46) |
| Resolution | 17@4880x3720,40@2448x1836,50@1728x1296 |
| Like Yuan Size | 1.2μm×1.2μm |
| Exposure Time | 0.1-15 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 |

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| 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、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 lighting system. | |