



KOPPACE 18 Million Pixel 50X-500X Trinocular Bright and Dark Field Metallurgical Measuring Microscope DIC Conductive Particles

KP-MX6R-1800DIC

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

Optical System:Infinity Chromatic Aberration Correction Optical System

Eyepiece:High Eye Point large Field of View flat Field Eyepiece PL10X22mm

Objective lens:LMPL-BD Infinite long Working Distance Bright and Dark Field Metallographic Objective

LMPlan 5X/0.15 BD WD 9mm

LMPlan 10X/0.3 BD DIC WD 9mm

LMPlan 20X/0.45 BD DIC WD3.4mm

LMPlan FLN 50X/0.55 BD WD7.5mm

Description

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Observation Tube	Adjustable 5-35° inclination angle Tthree-Way Observation Tube With Infinite Hinge, Interpupillary Distance Adjustment:50-76mm,Unilateral Diopter Adjustment:±5 Diopter,Two-level Split Ratio 100:0 or 0:100
Objective Lens Converter	Inverted Bright and Dark Field Five-Hole Converter With DIC Slot

Coarse and Fine Focusing Mechanism	Translucent and Reflective Frame,Front low-Hand Position Coarse and Fine Coaxial Focus Adjustment Mechanism.Coarse Adjustment Stroke 33mm,Fine Adjustment Accuracy 0.001mm .With Adjustment Elastic Device to Prevent Sliding and Random Upper limit Device
Operating Platform	6-Inch Three-layer Mechanical Mobile Platform,Low-Hand Position X,Y Direction Coaxial Adjustment,Platform Area 450mm×220mm ,Reflected illumination Movement Range: 158mm×158mm ;Transmission illumination Movement Range: 100×100mm ,With Clutch Handle,Can Be Used For All Fast Moving Within The Range of Travel,Glass Stage Plate (For Transmission and Reflection)
Upper Lighting System	Built-In 100-240V Wide Voltage System,5W Warm Color LED Transmitted Light illumination System,Independent Control of Upper and Lower Light;With Filter Slot and Polarizing Device Slot; With Bright and Dark Field Switching Mechanism,Preset Center,Light Intensity Continuously Adjustable
Under Lighting System	Single High-Power 5W Warm Color LED White Light,Continuous Adjustable Light Intensity
Condenser	Transmissive Shake-Out Achromatic Condenser (N.A0.9) With Variable Aperture Stop,Center Adjustable
Polarizer	Polarizer Insert Plate,360°Rotating Analyzer Insert Plate
Trinocular Interface	0.5X C-mount Interface,Adjustable Focus
DIC	Differential Interference Film Sith DIC
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×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
<p>Advanced software for Windows:</p> <ul style="list-style-type: none"> - 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 <p>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,</p>	
<p>Packing list:</p> <ol style="list-style-type: none"> 1、 A pair of Eyepieces PL10X/22mm 2、 0.5X Trinocular Interface *1 3、 Objective lens LMPlan 5X/0.15 BD WD 9mm *1 4、 Objective lens LMPlan 10X/0.3 BD DIC WD 9mm *1 5、 Objective lens LMPlan 20X/0.45 BD DIC WD3.4mm *1 6、 Objective lens LMPlan FLN 50X/0.55 BD WD7.5mm *1 7、 Microscope Body *1 8、 Light Box Power Cord *1 9、 Analyzer *1 10、 Polarizer *1 11、 6-inch Platform *1 12、 LBD Color Balance Film (White light) *1 13、 18 Million Pixel Digital Camera *1 14、 1.8m USB Cable *1 15、 CD With Software *1 16、 Measuring Calibration Ruler *1 17、 DIC Differential Interference Film Plate *1 <p>Note:</p> <ol style="list-style-type: none"> 1. This Product is a Bright and Dark Field DIC Metallurgical Microscope. 2, This product does not contain a computer. 3, This product has up and down lighting system. 	