



## KOPPACE 50X-500X Trinocular Bright and Dark Field Metallurgical Microscope DIC 4K Measuring Camera up and Down LED Lighting System

### KP-MX6R-4KDIC

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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	LMPlan FLN 50X/0.55 BD WD7.5mm
Observation Tube	Adjustable 5-35° inclination angle Three-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	Inverted Bright and Dark Field Five-Hole Converter With DIC Slot

Converter	
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 <b>0.001mm</b> .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 <b>450mm×220mm</b> ,Reflected illumination Movement Range: <b>158mm×158mm</b> ;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	<b>0.5X</b> C-mount Interface,Adjustable Focus
DIC	Differential Interference Film Sith DIC
Pixel	<b>8.3 Million Pixels</b>
Output Method	<b>HDMI 4k</b>
Sensor	8.3MP
Sensor Size	1/1.8
Resolution Frame Rate	<b>60@3840X 2160,7680*4320</b>
Pixel Size	2.0µmX2.0µm
Exposure	Auto/Manual
White Balance	Auto/Manual
Operating System	Built-in new V3.0 Version of the Measurement System
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、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、DIC Differential Interference Film Plate *1 14、8.3 million pixel microscope camera *1 15、HDMI HD cable *1 16、Camera power adapter *1 17、Calibration scale *1 18、Gigabit network cable *1 <b>Note:</b> 1. This Product is a Bright and Dark Field DIC Metallurgical Microscope. 2、 This product is an HDMI output and can only be connected to a display with an HDMI connector.The product has two USB outputs,one for connecting a mouse and one for connecting to a USB flash drive. Measurements can be performed directly on the display with the mouse. Save pictures and Excel data. 3、 This product does not contain a monitor. 4、 This product is a 4K high-definition camera, and it must be equipped with a 4K high-definition display to achieve the best results.	