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# **ZMM-202 CBU METALLURGICAL MICROSCOPE**



## Upright Metallurgical Microscope

- Bright/Dark Field, Polarizing, DIC, Semi-APO View Under Transmit & Reflect Light Source
- 5°-35° Tilt-able Trinocular Head With Erect Image Light Splitting Ratio Switch E100:P0/E0:P100
- Super Wide Field Plan Eyepiece 10x/25mm, 10x/26.5mm Optional
- LWD Infinity Plan Metallurgical BF/DF DIC & Semi-APO Objectives
- 6" Large Working Stage With Moving Range 158x158mm For Reflect & 100x100mm For Transmit Light

### Specifications

### ZMM-202 CBU

Optical System	Bright Field, Dark Field, Polarizing, DIC, Reflect Light
Head	ETTR 5°-35° Tilt-able Trinocular Head, Infinity Sedentopf, Interpupillary Distance 50~76mm, Light Splitting Ratio Switch E100:P0/E0:P100, Erect Image
Eyepiece	High Eyepoint Plan PL10x/22mm
Objective	<p><i>LWD Infinity Plan Metallurgical BF/DF DIC Objective</i></p> <p>LMPLAN-BD 5X-DIC LMPL5X/0.15 W.D.9mm</p> <p>LMPLAN-BD 10X-DIC LMPL10X/0.3 W.D.9mm</p> <p>LMPLAN-BD 20X-DIC LMPL20X/0.50 W.D.3.4mm</p> <p><i>LWD Infinity Plan Metallurgical BF/DF Semi-APO Objective</i></p> <p>LMPLAN-BD 50x LMPLFL50X/0.55 W.D.7.5mm</p>
Nosepiece	Backward, Quintuple For Bright/Dark Field, With DIC Slot

<b>Working Stage</b>	6" Three Layer Mechanical Stage, For Transmit & Reflect Light Size 445*240mm, Moving Range For Reflect Light 158*158mm, For Transmit Light 100*100mm, Low Position X/Y Moving Handle, With Glass Plate, With Clutch Handle To Move Quickly In Full Range
<b>Main Body &amp; Focusing</b>	Reflected Frame: Coaxial Coarse And Fine Adjustment, Coarse Range 33mm, Fine Precision 0.001mm, With Pp-limited Device And Tension Adjustment. Built-in 90-240V Wide Voltage Transformer.
<b>Reflect Light</b>	BF/DF Reflect Illumination, With Iris Field Diaphragm and Aperture Diaphragm, Both Central Adjustable, With Filter Slot and Polarizing Slot, With Bright Field/Dark Field Switch, With Bright Intensity Setting And Reset Function On Stand 12V100W Halogen Light Box, Pre Centered 12V100W Halogen Bulb (Philips 7724) Interference Filter, For Reflect Light, Neutral White
<b>Polarizing For Reflect Light</b>	Fixed Polarizer Flashboard 360° Rotatable Analyzer Flashboard
<b>Power</b>	90-240V Wide Voltage, One Way Power Output
<b>Other</b>	Allen Key M3 Allen Key M4

## Optional Accessories

<b>Head</b>	- Trinocular Head, 30° Inclined, Inverted Image, Interpupillary Distance 50~76mm, Light Split Ratio 0:100; 20:80; 100:0, Support Super Large Wide Field Eyepiece 25mm/26.5mm - Trinocular Head, 30° Inclined, Erect Image, Interpupillary Distance 50~76mm, Light Split Ratio 0:100, 100:0, Support Super Large Wide Field Eyepiece 25mm/26.5mm
<b>Eyepiece</b>	High Eyepoint Plan PL10x/25mm, Diopter Adjustable High Eyepoint Plan PL10x/26.5mm, Diopter Adjustable High Eyepoint Plan PL10x/25mm, Diopter Adjustable, With Reticle High Eyepoint Plan PL10x/26.5mm, Diopter Adjustable, With Reticle

# Optional Accessories

## Specifications

## ZMM-202 CBU

### CCD Adapter

0.5x C-Mount, For 1/2"CCD, Focus Adjustable  
0.35x C-Mount, For 1/2"CCD, Focus Adjustable  
0.65x C-Mount, For 1/2"CCD, Focus Adjustable  
1.0x C-Mount, For 1"CCD, Focus Adjustable

### Objective

*LWD Infinity Plan Metallurgical BF/DF DIC Semi-APO Objective*  
5X/0.15, WD=13.5mm  
10X/0.30, WD=9mm  
20X/0.50, WD=2.5mm  
20X/0.40, WD=8.5mm  
50X/0.80, WD=1.0mm  
100X/0.90, WD=1.0mm  
Semi-APO Objective With Correcting Ring 50X/0.70, WD=2.3~2.9mm

### DIC

DIC Interfere Set, For BF/DF Semi-APO Objective  
DIC Interfere Set, For BF/DF Semi-APO Objective, Olympus Level