



ZFM-300 ABL FLUORESCENT MICROSCOPE



Inverted LED Fluorescent Microscope, B,G

- Brand New Design 2019 High Level Inverted Fluorescent Microscope
- Epi-Fluorescence Attachment, Turret With 3 Holes For Filter Cubes, With Noise Terminator Mechanism
- Super Long Working Distance Upto 187mm Condenser
- ECO Auto Power Off Function + LCD Screen Available

Specifications

ZFM-300 ABL

Optical System	NIS Infinite Optical System (F200)
Observation Method	Bright Field Epi-Fluorescence
Head	Seidentopf Viewing Head, Inclined At 45°, Interpupillary Distance 48-75mm, Eyepiece Tube Dia.30mm
Eyepiece	EW10x/22mm, Diopter Adjustable, Dia.30mm
Nosepiece	Quintuple Nosepiece, Dovetail Interface
LWD Infinity Plan Semi-APO Fluorescent Objective	4x/0.13, W.D.17.0mm, Cover Glass 10x/0.30, W.D.7.4mm, Cover Glass1.2mm 20x/0.45, W.D.8.0mm, Cover Glass1.2mm 40x/0.60, W.D.3.3mm, Cover Glass1.2mm
Focusing System	Coaxial Coarse & Fine Adjustment, Tension Adjustable (At Right Hand), Fine Division 0.002mm, Coarse Focusing Range Up 7mm, Down 1.5mm, Max Up To 18.5mm After Removing Focusing Limit.

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Working Stage	Plain Working Stage 170(X) x 250(Y)mm, Attachable Mechanical Moving Stage, X-Y Coaxial Moving 128x80mm, Used With 5 Types Holder, Well Plate & Clamper, Stage Clip Glass Stage Ring Auxiliary Plate 2 Pieces (1 Piece Each Side) Universal Holder
Condenser	Long Working Distance Detachable Condenser NA 0.3, W.D.75mm, Without Condenser W.D.187mm
Illumination	Transmitted Illumination 3W S-LED Critical Illumination Reflected Illumination 3W LED, For Epi-Fluorescence
Epi-Fluorescence Attachment	Epi-Fluorescence Attachment, Turret With 3 Holes For Filter Cubes, With Noise Terminator Mechanism Cube B + LED Unit, 365nm Cube G + LED Unit, 405nm Cube U + LED Unit, 485nm Attachable UV Shield
Photo Port	Head Side Camera Port Switchable 100/0:0/100
Photo Adapter	1.0x C-Mount
Power Supply	AC 100-240V,50/60Hz
Dimensions	244(W)x543(D)x526(H) mm

Optional Accessories

Specifications

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Observation Method	Phase Contrast 3D Emboss Contrast Hoffman Phase Contrast
Eyepiece	EW15x/16mm, Diopter Adjustable, Dia.30mm EW20x/12mm, Diopter Adjustable, Dia.30mm
LWD Infinity Plan Objective	4x/0.10, W.D.30.0mm 10x/0.25, W.D.10.2mm 20x/0.40, W.D.12.0mm 40x/0.60, W.D.2.20mm
LWD Infinity Plan Phase Contrast Objective	4x/0.10, W.D.30.0mm 10x/0.25, W.D.10.2mm 20x/0.40, W.D.12.0mm 40x/0.60, W.D.2.20mm

Working Stage	Metal Stage Ring For Culture Bottle Terasaki Holder Dia.35mm Petri Dish Holder Dia.54mm Slide & Petri Dish Holder Dia.65mm Slide & Petri Dish Holder Dia.90mm Petri Dish Holder
Phase Contrast	Centering Telescope 10x, Tube Dia. 30mm Phase Slider For 4x Phase Slider For 10x-20x-40x
Emboss Contrast	Universal 3D Emboss Contrast Slider For 10x-20x-40x
Hoffman Phase Contrast	Hoffman Phase Contrast Set: --Hoffman Phase Contrast Condenser, With Polarizer, --Hoffman Phase Contrast Objective 10x, 20x, 40x --Hoffman Phase Slider For 10x, 20x, 40x --Centering Telescope
Epi-Fluorescence Attachment	Cube V + LED Unit, 525nm
Photo Adapter	0.5x C-Mount
ECO Function	Auto Power Off 15 Minutes After No Operator Working