

SPECIFICATIONS

Model AY11228

1. Interpupillary Adjustment: 55mm - 75mm
2. Working Stage Diameter: 95mm
3. Focus Knob Adjustment Range: 60mm
4. Elevator Adjustment Range: 110mm
5. Right Diopter Adjustment Range: +4 to -6 diopters
6. Illumination:
 - Input Voltage: 110V AC or 220V
 - Output: Oblique illumination: 12V 10W Halogen Lamp



Model AY11232

1. Interpupillary Adjustment: 55mm - 75mm
2. Working Stage Diameter: 95mm
3. Focus Knob Adjustment Range: >50mm
4. Elevator Adjustment Range: 110mm
5. Diopter Adjustment Range: +/- 5 diopters
6. Illumination:
 - Input Voltage: 110V AC or 220V
 - Output: Oblique Illumination: 12V 10W Halogen Lamp
 - Transmitted Illumination: 12V 10W Halogen Lamp



Optical Specifications - Model AY11228

Total Magnification	Objective Magnification	Eyepiece Magnification & Field Diameter (mm)	Working Distance
20x, 40x	2x, 4x	Wide Field 10x, 20mm	90mm

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Objective Zoom Scale						
Accessory Large Objective		-	0.5x	0.75x	1.5x	2x
Working Distance (mm)		95	156	102	44	30
WF10x/20mm	Total Magnification	7x-45x	3.5x-22.5x	5.3x-33.8x	10.5x-67.5x	14x-90x
	Field of View Objective Dia. (mm)	28.6-4.4	57.2-8.8	38.1-5.9	19.0-2.9	14.3-2.2
WF12.5x/18mm	Total Magnification	8.8x-56x	4.4x-28x	6.6x-42x	13.2x-84x	17.6x-112x
	Field of View Objective Dia. (mm)	25.7-4.0	51.4-8	34.3-5.3	17.1-2.7	12.9-2.0
WF15x/16mm	Total Magnification	10.5x-67.5x	5.3x-33.8x	7.9x-58.6x	15.7x-101x	21x-135x
	Field of View Objective Dia. (mm)	22.9-3.6	45.8-7.2	30.5-4.8	15.3-2.4	11.5-1.8
WF20x/12mm	Total Magnification	14x-90x	7x-45x	10.5x-67.5x	21x-135x	28x-180x
	Field of View Objective Dia. (mm)	17.0-2.7	34.0-5.4	22.7-3.6	11.3-1.8	8.5-1.4
WF25x/9mm	Total Magnification	17.5x-112.5x	8.8x-56.3x	13x-84.4x	26.3x-169x	35x-225x
	Field of View Objective Dia. (mm)	12.9-2.0	25.8-4.0	17.2-2.7	8.6-1.3	6.5-1.0

PARTS LIST

Model AY11228

Name	Qty
Binocular Body (incl. 2x, 4x obj.)	1
10x Wide Field Eyepiece	2
Eyeshade	2
10V 10W Halogen Lamp 12V 10W Halogen Lamp w/cup	1 ea. (spare)
Fuse 2A (spare)	1
Lens Cleaning Tissue	1
Dust Cover	1
Black/White Working Stage	1
Specifications	1
Packing Slip	1
Quality Inspection Certificate	1

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Fuse 2A (spare)	1
Lens Cleaning Tissue	1
Dust Cover	1
Specifications	1
Packing Slip	1
Quality Inspection Certificate	1

OPERATION

Model AY11228

1. Remove components from package. identify all parts before assembling.
2. Tighten the knob on the stand to prevent the elevator from sliding down.
3. Fix the binocular body on the stand with the tightening screw.
4. Check the input voltage to ensure that it conforms to the microscopes requirement.

SELECTING THE ILLUMINATION

1. Depending on microscope use, select oblique or transmitted illumination.
2. The Brightness Adjustment knobs change the oblique or transmitted light independently. The transmitted illuminator fluorescent lamp cannot be adjusted.
3. The angle of the oblique lamp can be adjusted to ensure optimum lighting of the sample.

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CHANGING THE INTERPUPILLARY DISTANCE

1. The distance between the observer's pupils is the interpupillary distance.
2. To adjust the interpupillary distance rotate the prism caps until both eyes coincide with the image in the eyepiece.