

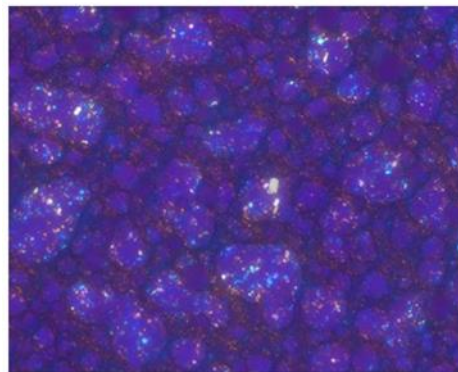
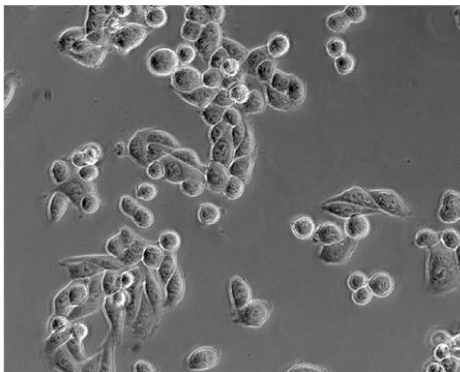
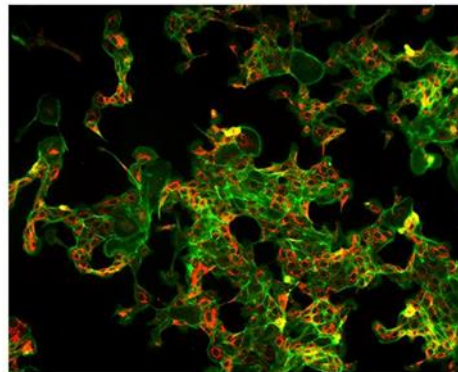
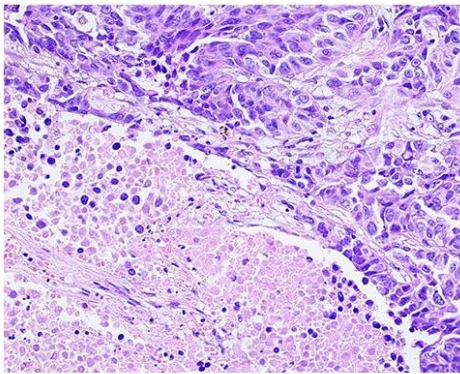


# A12.0911

## Biological Microscope



## Product Details



**Based on advanced optical and mechanical technology, A12.0911 is** specially designed for teaching, lab and clinical diagnosis. With excellent optical system and complete accessories, A12.0911 supports for bright/dark field, phase contrast, fluorescence, presents clear micro image. Integrated with intellectualized design, such as adjustable color temperature, A12.0911 creates an easy and efficient work experience.



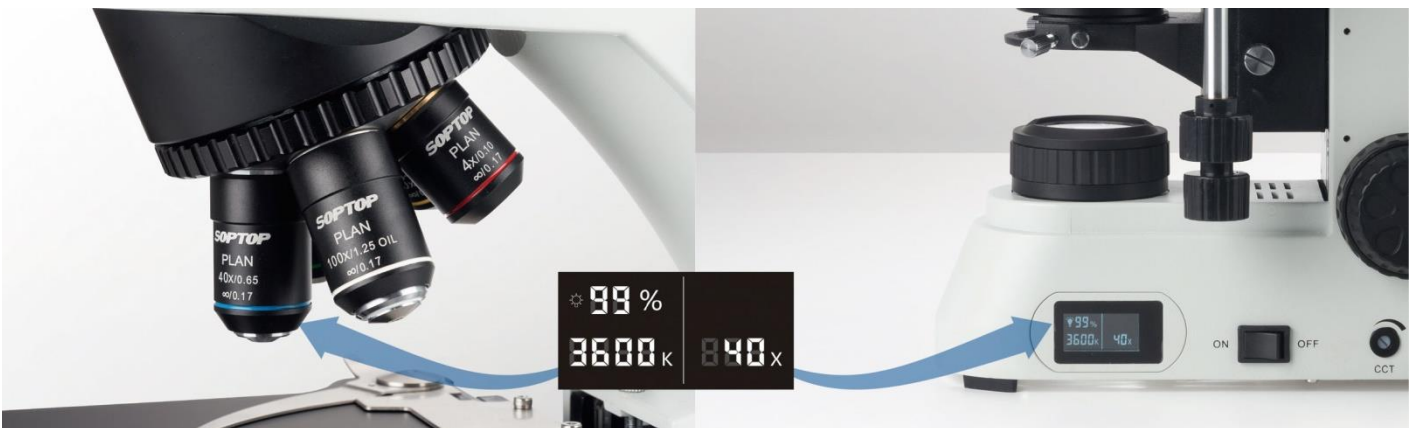
### Engineering Structure With Practicality And Aesthetic

The double - layer mechanical stage of A12.0911 adopts line rail for overload protection at the end of x axis, and avoids the potential hazard caused by



### Cool Or Warm, Choose You Want

Most samples is suitable to be observed under natural white light, some water white samples should adopts warm color for outline and detail check. Unnecessary to add filters or change light source, color temperature range from 3000K to 5600K, A12.0911 is able to meet different demands for best image.



### Intelligent Illumination System

A12.0911 with code nosepiece is able to automatically remember the light intensity of each objective which you are used to, helps to improve the work efficiency and decrease the visual fatigue. LCD beside the frame shows color temperature and light intensity, as well as the objective magnification you are using, is helpful to make record of experiment condition.

### LED Fluorescence attachment



### Built-In Multi-Functional Digital Camera

4.0 mega pixels CMOS camera, presents high definition image, supports for multi signal output (HDMI/USB/WIFI), with noninterference, is easy for image capture and store.



Operating Buttons

SD Card Slot

Image Output



### Optional:

A: N.A. 1.25 Koehler illuminator DISC phase contrast condenser group, for 10x, 20x, 40x, 100x phase contrast observation

B: N.A. 1.25 Koehler illuminator DISC phase contrast + dark field condenser group, for 10x, 40x, 100x phase contrast observation and for 4x 40x dark field observation

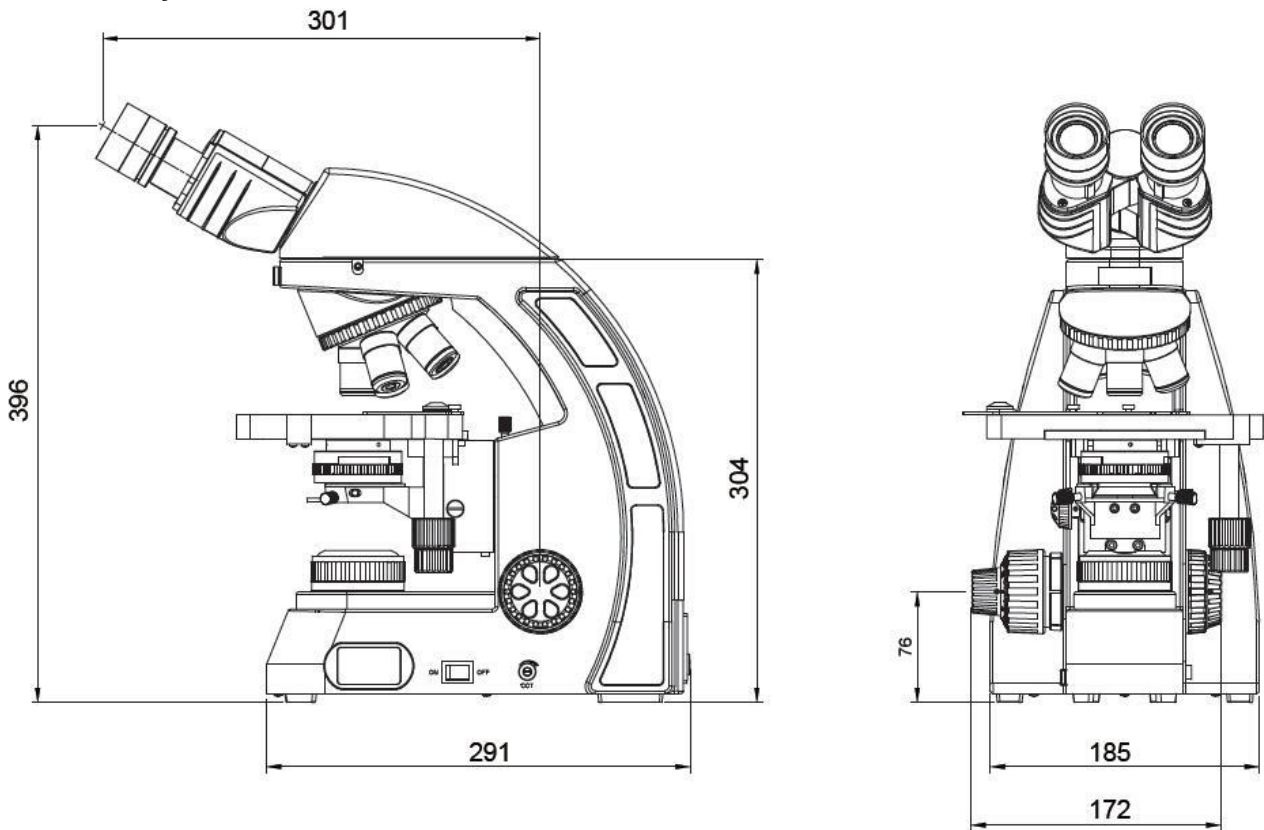
C: Phase contrast slide, for 10x, 40x phase contrast observation/Phase contrast slide, for 20x, 100x phase contrast observation

D: Phase Contrast Objective

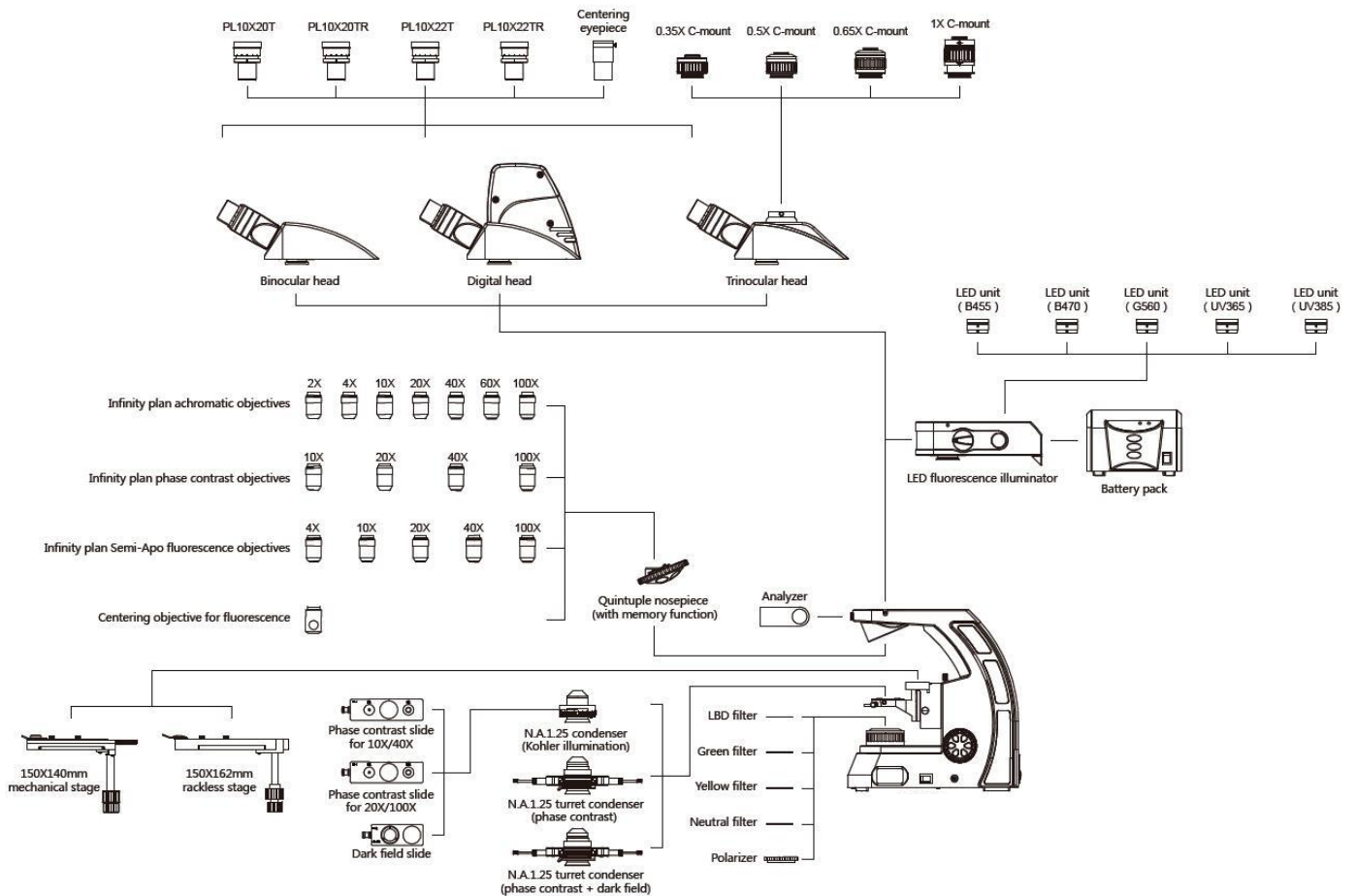
E: Centered eyepiece (Φ30mm)

# Product Size (mm)

## A12.0911-B System Size



# Product Diagram



# Product Specification

A12.0911	B	T	
Optical System	Infinity Chromatic Aberration Correction System		
Head	Binocular, 360° Rotation, Interpapillary Distance 50-75mm	Trinocular, Light Split 8:2, 360° Rotation, Interpapillary Distance 50-75mm, 1x Adapter	
Eyepiece	WF10x/22mm Wide Field Eyepiece		
Nosepiece	Quintuple Nosepiece		
Objective	Infinity Plan Achromatic 10x40x100x		
Working Stage	Double Layer Mechanical Stage 150mm×162mm		
Condenser	N.A.1.25 Kohler Illumination Condenser, With Iris Diagram, Center Adjustable		
Focusing	Low-Position Coarse And Fine Coaxial Focusing Structure, With Tension Adjustment And Upper Limit Mechanism, Fine Precision 2μm		
Light Source	3W LED, With LCD Screen, Adjustable Color Temperature (3000K-5600K), Brightness Memory Function		
Power	Wide Range 100V -240V		
<b>A12.0911 Biological Microscope, Optional Accessories</b>			
Eyepiece	High Eye-point Wide Field Plan Eyepiece PL10X20mm, Dioptor Adjustable	A51.0904-N1020T	
	High Eye-point Wide Field Plan Eyepiece PL10X22mm, Dioptor Adjustable	A51.0904-N1022T	
Plan Achromatic Objective	2x/0.06, WD=5.03mm (Field Complement Is Needed)	A52.0906-2	
	4x/0.10, WD=11.9mm	A52.0906-4	
	10x/0.25, WD=12.1mm	A52.0906-10	
	20x/0.40, WD=1.5mm	A52.0906-20	
	40x/0.65, WD=0.36mm	A52.0906-40	
	60x/0.85, WD=0.30mm	A52.0906-60	
	100x/1.25, WD=0.18mm	A52.0906-100	
Phase Contrast	Plan Achromatic Objective	10x/0.25, WD=12.1mm	A5C.0937-10
		20x/0.40, WD=1.5mm	A5C.0937-20
		40x/0.65, WD=0.36mm	A5C.0937-40
		100x/1.25, WD=0.18mm	A5C.0937-100
	Phase Contrast Slide	10x, 40x	A5C.0915-P1
		20x, 100x	A5C.0915-P2
		N.A. 1.25 Koehler Illuminator DISC Phase Contrast Condenser Group, for 10x, 20x, 40x, 100x Phase Contrast Observation	A5C.0912-KP
	N.A. 1.25 Koehler Illuminator DISC Phase Contrast + Dark Field Condenser Group, For 10x, 40x, 100x Phase Contrast Observation And For 4x-40x Dark Field Observation	A5C.0912-KPD	
Head	30° Inclined Gemel Binocular Viewing Head, 360° Rotatable, Interpupillary Distance Range: 50-75mm	A53.0907-B30R	
	30° Inclined Gemel Trinocular Viewing Head, Fixed Spectroscopical Ratio R:T=8:2, 360° Rotatable, Interpupillary Distance Range: 50-75mm	A53.0907-T30R	
C-Mount	0.35x Focusing C-mount	A55.0925-35	
	0.5x Focusing C-mount	A55.0925-05	
	0.65x Focusing C-mount	A55.0925-65	
	1x Focusing C-mount	A55.0925-10	
Dark Field	Dark Field Slide, For 4x-40x Objectives (Use As Bottom Light Barrier In LED Fluorescence Microscopes)	A5D.0915-K	
Polarizing	Polarizer	A5P.0915-P	
	Analyzer	A5P.0915-A	
Package	EPE And Paper Carton(Single Package:57.1*55.4*27.8CM)	A55.0915-1	
Fluorescence Module	B1 LED Fluorescence Module, Light Intensity Adjustable, Center Wavelength Of LED Is 470nm		
	G1 LED Fluorescence Module, Light Intensity Adjustable, Center Wavelength Of LED Is 560nm		
	UV2 LED Fluorescence Module, Light Intensity Adjustable, Center Wavelength Of LED Is 385nm		
	B4 LED Fluorescence Module, Light Intensity Adjustable, Center Wavelength Of LED Is 455nm		