



STAC

SEPANG TODAY AQUACULTURE CENTRE

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L1000A

Biological Microscope

LED Illumination | Rechargeable



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Biological Microscope L1000A

Microscopes L1000A are equipped with achromatic objectives and wide-field eyepieces. It provides clear image and wide view field. It can be broadly applied in biology, medicine, agriculture area. It is a tool to medical treatment, teaching and research institutes.

New Features | LED Illumination

1. High brightness white LED Illumination (w/o brightness control)
2. Low working voltage, safety.
3. Lifetime up to 10,000 to 20,000 hours
4. Can be used directly connected to power supply or with fully charged* battery up to 40 hours.

*Charge time is about 10 to 12 hours (15 hours for first time). Auto charge when connected to power outlet. Signal light turns red when fully charged.

Components & Specifications			Model	
			L1000A	
Eyepieces	Wide Field	WF10X (ϕ 18mm)	●	
		WF16X (ϕ 11mm)	○	
Objectives	Achromatic	4X/0.10	●	
		10X/0.25	●	
		40X/0.65 (Spring)	●	
		100X/1.25 oil (Spring)	●	
Nosepiece	Locating on ball bearing	Triple		
		Quadruple	●	
Monocular	Inclination of 45°, 360° rotate-able		●	
Stage	Fixed Stage, size: 120mm x 120mm			
	Fixed Stage with attachable mechanical, size: 120mm x 120mm move range \geq 28mm x 68mm			
	Mechanical Stage, size: 115mm x 125mm Move range \geq 30mm x 70mm		●	
Focus system	Separate coarse/fine focus			
Condenser	Single lens with iris diaphragm			
	Abbe condenser NA=1.25. Spiral adjustment			
	Abbe condenser NA=1.25. Rack & pinion adjustment		●	
Light source	LED Illumination Rechargeable		●	

*Note: '●' standard attachments '○' optional attachments

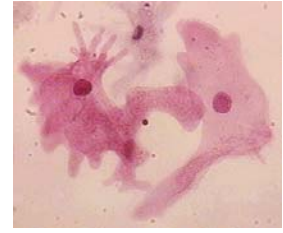
*Specifications and design subject to change.



Fish larvae



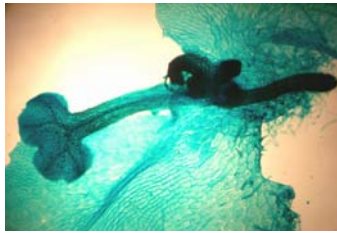
Zooplankton-copepod



Amoeba



Paramecium



Prothallus of fern



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