STAC

SEPANG TODAY AQUACULTURE CENTRE

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L500A / L800A

Biological Microscope

LED Illumination | **Rechargeable**

Biological Microscope L500A / L800A

Microscopes L500A / L800A 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.

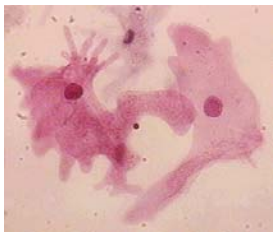
*Charge time is about 10 to 12 hours (15 hours for first time). Auto charge when connected to power outlet. Signal light turns red when fully charged.

Components & Specifications			Model	
			L500A	L800A
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 ≥ 28mm x 68mm			●
	Mechanical Stage, size: 115mm x 125mm Move range ≥ 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.

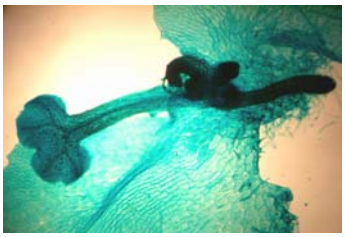
Fish larvae

Zooplankton–copepod



Amoeba

Paramecium



Prothallus of fern

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