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SEPANG TODAY AQUACULTURE CENTRE

(NS0031400-X)

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L1180 Video MICROSCOPE

LED ILLUMINATION | RECHARGEABLE

VIDEO MICROSCOPE L1180

Video Microscope L1180 is the latest digital technology invented for video microscopic examination of biological samples. It is widely used in Malaysian high schools for biology teachers as a teaching aid. The biology teachers need only put the slide specimen of any stained tissue of plant or animal under the microscope, from the Video Microscope that is plugged to PC or LCD projector, the sample can be shown on the screen of TV, PC or LCD project. With a laser pointer, the teacher could easily explain the sample to the whole class of students without going to every group for individual explanation.

From the PC or laptop USB plugged to the Video Microscope L1180, the samples observed under the microscope could be burnt into CD or printed as a picture for further reference.

Model L1180 video microscope equipped with CMOS camera system, with achromatic objectives and wide field eyepieces. Providing 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. It can be connected to a PC or laptop where the specimen seen under the microscope can be saved and printed.

Features And Specifications

Coaxial coarse/fine focus system with tension adjustable, limited stopper, the minimum division is 0.002mm. With wide field eyepieces and high quality achromatic objectives, illumination with V20W halogen lamp, adjustable brightness. CMOS device: $\frac{1}{3}$ ", resolution: 380 lines, video out: 1Vp-p75

Ω , PAL/NTSC, colour.

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 L1180
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	Quadruple	•

*Note: '•' standard attachments '◦' optional attachments

*Specifications and design subject to change.



Video Microscope L1180 plugged to Laptop

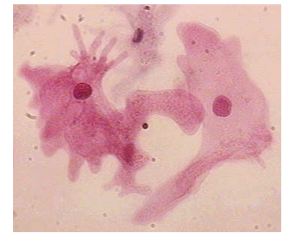
THE FOLLOWING E-IMAGES ARE TAKEN FROM THE VIDEO MICROSCOPE L1180



FISH LARVAE



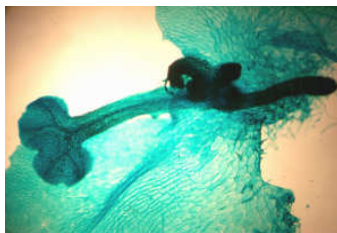
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