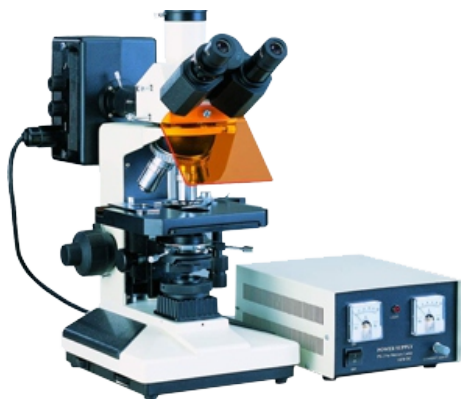


L2001 Relected fluorescence microscope

L2001 series reflected fluorescence microscopes are used for fluorescence microscopy and transmitted bright field observation. They are the ideal instruments in biology, cytology, oncology, geneticist, immunology etc. It is the ideal instrument in biology, cytology, oncology, genetics, immunology etc. It also can be used in scientific research, universities, medical treatment, epidemic prevention etc.

Features:

- * With wide field eyepieces, plan achromatic objectives and fluorecence objectives, the field of view is widely and clear.
- * Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2µm.
- * 6V 20W halogen lamp transmission illumination with brightness control. 100W high voltage mercury lamp, with outside power supply unit.



Specification:

| Model | L2001A | L2001B |
|-------------------------------|--|--|
| Eyepiece | Wide field WF10X(1- 20mm) | |
| Objective | Plan achromatic objectives PL 4X/0.10 | Plan achromatic objectives PL 4X/0.10 |
| | Plan achromatic objectives PL 10X/0.25 | Plan achromatic objectives PL 10X/0.25 |
| | Plan achromatic objectives PL 40X/0.65(Spring) | Plan achromatic objectives PL 20X/0.40 |
| | Plan achromatic objectives PL 100X/1.25(Spring, oil) | Plan achromatic objectives PL 40X/0.65(Spring) |
| | | Plan achromatic objectives PL 100X/1.25(Spring, oil) |
| | | Fluorecence objectives FL 25X/0.65 |
| | Fluorecence objectives FL 40X/1.00µ(Spring, Glycerin) | |
| Eyepiece tube | Trinocular (Indination of 30°) | |
| Focus system | Coaxial coarse/fine focus, with tensional adjustable and up stop minimum division of fine focusing: 2µm. | |
| Nosepiece | Quadruple(Backward ball bearing inner locating) | Quintuple (Backward ball bearing inner locating) |
| Stage | Double layer mechanical (Size:160mmX140mm, Move range: 75mm*50mm) | |
| Abbe condenser | N.A.1.25 Rack & pinion adjustable | |
| Filter | Blue filter | |
| | Frosted filter | |
| Collector | For halogen lamp | |
| Light source | 6V 20W Halogen lamp with brightness control | |
| Reflected fluorescence system | Mercury lamp house 100W/DC | |
| | Power supply unit:AV:110V or 220V | |
| | Fluorecence filter systemµB exciton wavelength:420~485nm | |
| | Fluorecence filter systemµG exciton wavelength:460~550nm | |

Optional accessories:

| Name | Sort/Technique parameter | |
|-------------------------------|---|---|
| Eyepiece | Wide fieldµWF16X(1- 11mm) | |
| | Dividingµ10X(1- 20mm),0.1mm/Div | |
| Objective | Plan achromatic objectives PL 5X/0.12 | |
| | Fluorecence objectives FL 100X/1.25 (Spring, Glycerin) | |
| Filter | Green filter | |
| | Yellow filter | |
| Fluorecence power supply | 100W fluorecence power supply(Wide voltage range and constant power and calculagraph) | |
| Reflected fluorescence system | Fluorecence filter systemµUV exciton wavelength:330~400nm | |
| | Fluorecence filter systemµV exciton wavelength:395~415nm | |
| Phase contrast unit | Eyepiece | Centering telescope |
| | Objectives | Phase contrast plan achromatic 10X/0.25 PHP |
| | | Phase contrast plan achromatic 20X/0.40 PHP |
| | | Phase contrast plan achromatic 40X/0.65 PHP(Spring) |
| | | Phase contrast plan achromatic 100X/1.25 PHP(Spring, oil) |
| | | (PH-I) Turnplate phase contrast condenser |
| | | (PH-II) Turnplate phase contrast condenser |
| | Flashboard phase contrast condenser | |
| | Pull board phase contrast condenser | |
| CCD adapter | 0.4X | |
| | 0.5X | |
| | 1X | |
| | 0.5X with dividing 0.1mm/Div | |
| Camera | DV-1(With USB & video output) | |
| | DV-2(With USB output) | |
| | DV-3(With video output) | |
| Digital camera adapter | CANON digital camera adapter(A610,A620,A630,A640) | |
| Photograph unit | 2.5X/4X Change over photograph attachment with 10X viewing eyepiece | |
| | 4X Focusing photograph attachment | |
| | MD Adapter | |
| | PK Adapter | |