



LABOMED, INC.

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LB-284 Advanced Research Trinocular Biological Microscope with Plan Semi-Apochromatic Fluorescent Objectives

Introduction

After years of research and development in optical technology field, LB-284 Advanced Research Trinocular Biological Microscope with Plan Semi-Apochromatic Fluorescent Objectives is designed to present a safe, comfortable and efficiency observation experience for users. With perfectly performed structure, high-definition optical image and simple operating system, LB-284 Advanced Research Trinocular Biological Microscope with Plan Semi-Apochromatic Fluorescent Objectives realizes professional analysis, and meets all the needs of research in scientific, medical and other fields.

Applications

This microscope is an ideal instrument for the biological, histological, pathological, bacteriology, immunization, and pharmacy fields, and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

Specifications

Optical System:	Infinite color corrected optical system
Viewing Head:	Seidentopf trinocular head (Inverted image), 30° inclined, interpupillary distance: 50mm-76mm; splitting ratio Eyepiece:Trinocular= 100:0 or 20:80 or 0:100
Eyepiece:	High eyepoint wide field plan eyepiece PL10X25mm, diopter adjustable
Objective:	Plan semi-apochromatic fluorescent objective 4X/0.13(infinity), WD= 18.5mm Plan semi-apochromatic fluorescent objective 10X/0.30(infinity), WD= 10.6mm Plan semi-apochromatic fluorescent objective 20X/0.50(infinity), WD= 2.33mm Plan semi-apochromatic fluorescent objective 40X/0.75(infinity), WD= 0.6mm Plan semi-apochromatic fluorescent objective 100X/1.30(infinity), WD= 0.21mm
Nosepiece (with DIC slot):	Backward Sextuple Nosepiece
Frame:	Biological frame (transmitted), low-position coaxial coarse and fine adjustment, coarse adjustment distance: 25mm; fine precision: 0.001mm. With coarse adjustment stop and tightness adjustment. Built-in 100-240V AC50/60Hz wide voltage transformer, intensity adjustable by digital set and reset; built-in transmitted filters (LBD/ND6/ND25)
Stage:	Double layers mechanical stage, size: 187mm X168mm; moving range: 80mm X55mm; precision: 0.1mm; two-way linear drive, tension adjustable
Condenser:	Swing-out type achromatic condenser (N.A.0.9)
Transmitted Illumination:	12V/100W halogen lamp house for transmitted light, center pre-set, intensity adjustable



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