



www.labomed.com
spectro@labomed.com

LB-282 LED Fluorescent Binocular Medical Diagnostic Microscope

Introduction

LB-282 LED Fluorescent Binocular Medical Diagnostic Microscope is designed specifically for the daily routine work in the demanding applications of education, pathology investigation, clinical and laboratory usage. The innovative LED medical diagnostic fluorescent illumination source provides excellent image processing, with a user-friendly and comfortable microscope experience.

Technical Specifications

Optical System:	Universal Infinity Optical System
Optical Lens:	Anti- fungus coated Optical Lens
Eyepiece:	WF10×/20mm (adjustable with special eye cups)
Infinity Plan Objectives:	PLAN 10×/0.25 W.D.=4.64mm PLAN 20×/0.40(S) W.D.=2.41mm PLAN 40×/0.66(S) W.D.=0.65mm PLAN 100×/1.25(S, Oil) W.D.=0.12mm
Seidentopf Binocular Head:	Inclined 30°, rotatable 360° Interpupillary distance: 48mm-76mm
Nosepiece:	Quintuple
Mechanical Stage:	Reckless Wire Driven Mechanical Fixed Stage with focus lock
Stage size:	182 mm×140mm, Travel range: 77mm×52mm
Two-slide holder:	Coaxial Coarse and Fine Focusing Knobs
Coarse Focusing Travel Range:	25mm
Fine Focusing Travel Range:	2μm/division
Condenser:	Abbe Condenser N.A. 1.25 with iris diaphragm.
Koehler Illumination:	3W LED Lamp Wide voltage input: 100V~240V Field diaphragm , center adjustable
Filter:	Blue
Fluorescence Attachment:	Epi fluorescence unit (six-hole disc media which can be fixed Uv/V/B/G and other filters), LED fluorescence lamp. Optional battery pack (6V DC) with charger
Excitation Filter:	0 Auramin Filter
Optional Filters:	Blue, Green, Violet and Ultraviolet (UV)
Battery:	Rechargeable Battery (Built-in)
Packing Size:	755mm×340mm×440mm
Gross Weight:	17 kgs
Net Weight:	15kgs

