

labodam

Inverted Biological Microscope

LIBM-A20



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Inverted Biological Microscope LIBM-A20 comes with a unique supporting stand structure & advanced optical functions. Equipped with phase annulus plate, long working distance infinite plan & phase objectives, user can view high resolution images of the cells, tissue & other biological specimens. It is widely used in tissue culture & other life science industry for research & quality purpose.

Features

- Trinocular head design
- Infinite optical system
- 10X to 20X, 40X phase annulus plate
- Innovative stand structure
- 72 mm Extreme long working distance condenser
- Blue, Green & ground glass filters with 45 mm diameter

Applications

Used for applications in animal & plant tissue culture laboratory, fish laboratory, plant laboratory, poultry laboratory.

Specifications

Model no.	LIBM-A20
Viewing head	Trinocular head inclined at 30°C, interpupillary distance 48 to 75 mm
Eyepiece	High-point, Extra wide field eyepiece EW10X/ 22 mm
Objective	Long working distance (LWD) infinite plan objective: 4X/ 0.1, WD 18 mm Long working distance (LWD) infinite plan objective: 40X/ 0.6, WD 2.6 mm Infinite plan phase objective: PH10X/ 0.25, WD 10 mm Infinite plan phase objective: PH20X/ 0.4, WD 5.1 mm
Nosepiece	Quintuple nosepiece
Condenser	Extreme long work distance condenser (ELWD) N.A. 0.3, LWD 72 mm (without condenser 150 mm)
Centering telescope eyepiece	30 mm
Optical system	Infinite optical system
Phase contrast kit	10X to 20X, 40X phase annulus plate
Stage dimension	Plain stage: 160×250 mm, Glass insert, Auxiliary Stage: 70×180 mm
Focusing	Coaxial Coarse & fine adjustment, vertical objective movement, coarse stroke 37.7 mm per rotation, fine stroke 0.2 mm per rotation
Illumination	6 V/30 W, halogen lamp, brightness adjustable
Filter	Blue, Green & ground glass filters with 45 mm diameter
Dimension	650×430×610 mm
Gross weight	14 kg

Optional accessories

- Attachable mechanical stage, X-Y Coaxial control, Moving range 120×78 mm
- LWD infinite plan objective: 10X/ 0.25, WD 10 mm
- LWD infinite plan objective: 20X/ 0.4, WD 5.1 mm
- Infinite plan phase objective: 40X/ 0.65, WD 0.35 mm
- Centering Telescope 30 mm
- Terasaki holder, 38 mm petri dish holder & 54 mm slide glass holder
- 10X to 20X, 40X phase annulus plate
- Photo attachment
- Video Adapter with C Mount