

DIGITAL MICROSCOPE

LDM-B1 SERIES



Digital Microscope LDM-B1 series

Digital microscopes LDM-B1 series is in demand for the provision of high resolution image on the LCD screen. The zoom objectives of different range offers superior magnification. It is supported with Wi-Fi and Bluetooth and CMOS chip for transfer of data. It comes with sturdy track stand which supports the microscope and attachments. These microscopes are ideal for industrial as well as professional applications.

Features

- 8 inch TFT touch screen
- Transmission & reflected LED illumination
- Touch scope (for microscope), NMS client (for PC) Software
- Zoom objectives and plan achromatic objective
- Android 4.2.2 O.S. and USB 2.0 Mini USB

Applications

Digital microscope has wide applications in the fields of research labs, hospitals, industries to view and study opaque, translucent, and temperature sensitive objects on LCD screen.

Specifications

Model no.	LDM-B10	LDM-B11	LDM-B12
Viewing head	Binocular head, inclined at 20°, interpupillary distance 55-75 mm		
Eyepiece	EW10X/ Ø22 mm		
Zoom ratio	1:6	1:8	1:10
Zoom objectives	0.8x-5x	0.8x-6.4x	0.8x-8x
Objectives	Plan achromatic objective: 1x		
Working distance	78 mm		
Focusing distance	105 mm		
Illumination	Transmission & reflected LED illumination, brightness adjustable		
Digital part	5.0 mega pixel, CMOS chip and support Wi-Fi and Bluetooth		
LCD screen	8 inch TFT touch screen		
Output	USB 2.0 Mini USB, HDMI		
Operating system	Android 4.2.2		
Software	Touch scope (for microscope) NMS client (for PC)		
Optional accessories	Tilting binocular head 0°-35° inclined, interpupillary distance 55m-75mm Plan achromatic objective: 2x Plan apochromatic objective: 0.5x Achromatic objective: 0.3x and 0.5x Eyepiece: EW15X/ Ø 16 mm, EW20X/12 mm Coaxial illumination, Epi-fluorescent attachment, Dark field attachment, simple polarization set, iris diaphragm, photography & video attachment, coaxial coarse and fine focusing attachment, SD card		

Digital Microscope LDM-B13

Digital microscope LDM-B13 provides the details of the object on the large LCD screen at an ease. This digital microscope provides sharp stereo erect image over wide field of view. Its incident & transmitted LED lighting system and track stand makes focusing of the specimen easy. Zoom objectives are used for better magnification of the object under study. It has large working distance for easy observations.

Features

- 9.7 inch TFT touching screen

- Incident & transmitted illumination by 3W LED

- LED ring lamp with 60 LED bulbs

- Equipped with zoom objectives

- Large working distance 105 mm

- IMS camera software

Applications

They have wide and promising applications in the fields of engineering, metallurgic industry and others for the inspection of electrical circuits, metal thin plate and also used in medical research field to study the details of the specimen on LCD screen.

Specifications

Model no.	LDM-B13
Viewing head	45° inclined and 360° rotatable trinocular head, interpupillary distance 55-75 mm
Eyepiece	WF10X/ 22 mm
Zoom ratio	1:6.7
Zoom objectives	0.67x-4.5x
Magnification	6.7x-45x
Working distance	105 mm
Plate	White and black plate
Illumination	Incident & transmitted illumination by 3W LED
Power supply	220V/50 Hz or 110V/60 Hz
LED ring lamp	60 LED bulbs
LCD screen	9.7 inch TFT touching screen
Operation system	Android 4.2.2
Valid pixel	5.0 mega pixel
Software	IMS camera
Optional accessories	Auxiliary objective: 0.5x, 1.5x, 2x
	Adjustable eyepiece: WF15X/16 mm, WF20X/12 mm
	Fluorescent ring lamp 8 W
	LED ring lamp: 48 LED bulbs
	Frosted glass
	Natural illumination source