

DigiScope

10, 12 & 14 Megapixel Photomicrography Digital Camera System



Low Cost Digital Cameras



High End Digital SLR Cameras

- Options for 10, 12 & 14 Megapixel Resolution
- Adapter Fits Most Microscopes
- Use with Mono / Bino / Trinocular Microscopes
- Carry Around for General Photography



General Photography



Computer Projection



Photomicrography



Field Photography - Zoology



Classroom Demonstrations



Field Photography - Botany

This system is a versatile digital camera system that supports a wide variety of microscopy applications.

The system is easy to use, fast and connects onto almost all microscopes using the provided adapter.

It can also be used as a digital camera for general photography. The camera system can also be conveniently carried around for capturing images in the field. Close-up photography of large samples can also be done.

The system consists of a digital camera which you can use to take photos in the field, your own photos, etc., i.e. for general photography.

With camera-to-microscope adapter the camera is fit onto a microscope from where you can capture photographs of the microscope slide.

These images are saved inside the camera.

Using a computer and a colour printer, you can get instant copies of your general photographs as well as microscope photographs.

Using a computer or a TV you can also project the microscope slide on to the computer monitor or TV and give a live demonstration to your class.

Provided with the system are:

- Digital Camera Unit
- Camera to Microscope Adapter
- Rechargeable batteries with charger
- Memory Card
- Instruction Manual
- Chords etc.
- Driver Software

Microscopes & Accessories

OLYMPUS



Model CH20i

Olympus Model CH20i Binocular and Trinocular Microscope

Focusing by coaxial coarse and fine roller guide (rack and pinion type). Tension adjustment on right. Quadruple revolving nosepiece (fixed). Plane stage 120 x 132 mm. With mechanical stage right hand drive. Abbe condenser 1.25, with aperture iris diaphragm, Blue filter. Built-in 6V, 20W illuminator base with halogen lamp. Mirror. Achromatic objectives: iNE 4x, iNE 10x, iNE 40x (spring), iNE 100x (spring, oil). All antifungus coated. Eyepiece: iCWHK 10x widefield, antifungus. Binocular or trinocular head (as per customer's choice).



Model MLX-B

MAGNUS Model MLX-B Binocular Microscope

With binocular observation tube fitted with fungus-resistant, antireflection coated prism & paired compensating widefield eyepiece WF10X. With built-in 6V, 20W halogen light illuminator, quadruple ball bearing nosepiece. Focusing by coaxial right hand low drive, mechanical coarse & fine focusing system. High resolution long barrel achromatic objectives 4X, 10X, 40X (spring) & 100X (spring, oil). With substage Abbe condenser (NA 1.25) with iris diaphragm focusable with rack and pinion.



Model MLX-U

MAGNUS Model MLX-U Binocular & Trinocular Microscope with built-in battery & LED illumination

With built-in long life LED coupled with rechargeable battery allows 6 hours usage without electrical power. Focusing by coaxial right hand low drive, mechanical coarse & fine focusing system. High resolution long barrel achromatic objectives 4X, 10X, 40X (spring) & 100X (spring, oil). With substage Abbe condenser (NA 1.25) with iris diaphragm focusable with rack and pinion. Head fitted with fungus-resistant, antireflection coated prism & paired compensating widefield eyepiece WF10X. Choice of Binocular or trinocular head.



Model MLX-TR

MAGNUS Model MLX-TR Trinocular Microscope

With trinocular observation tube fitted with fungus-resistant, antireflection coated prism & paired compensating widefield eyepiece WF10X. With built-in 6V, 20W halogen light illuminator, quadruple ball bearing nosepiece. Focusing by coaxial right hand low drive, mechanical coarse & fine focusing system. High resolution long barrel achromatic objectives 4X, 10X, 40X (spring) & 100X (spring, oil). With substage Abbe condenser (NA 1.25) with iris diaphragm focusable with rack and pinion.



Model MSZ

MAGNUS Model MS & Model MSZ Stereoscopic Microscope

Model MS: Stereoscopic Microscope. With turret mounted 2x and 4x achromatic objectives and G10x paired eyepieces.

Model MSZ: Stereozoom Microscope. Binocular or Trinocular head. 45 degree inclined. Zoom Ratio 1:7, Objective Zoom Range 0.65 - 4.5x, Paired Widefield Eyepieces SWF10x/22mm. W.D. 100mm. Incident illumination: 6V15W Lamp. Transmitted illumination: 5W Fluorescence Lamp. Magnification Range: 6.5x - 45x (10x eyepiece).

IMAGE ANALYSIS SOFTWARE



For analyzing, editing and measuring images, creating albums, and reports. Image editing: Zooming, slide show etc. Contrast enhancement, special filters and image functions. Analysis: Roundness, shape, orientation, image addition, subtraction etc. Identification of objects, counting them, measurements, object identification by user or automatically user defined classification on basis of size/intensity. Measurements for distance, length, width, perimeter, angle, area. Report generation and export to MS Excel for analysis.

Also available student monocular microscopes for general laboratory work.

Accessories for Microscopes that we offer are:

HEATING STAGE FOR MICROSCOPE

Temperature range 27C to 45 C.

PHASE CONTRAST ATTACHMENT

With long barrel achromatic phase objectives 10x, 20x, 40x (spring), 100x (spring, oil). With brightfield cum phase contrast sub-stage condenser. Green filter and centering telescope supplied.

DARKFIELD CONDENSER

With 100x objective having iris diaphragm.

POLARISING ATTACHMENT

Consisting of polariser and analyser - for MLX series microscopes.



www.BioZen.co.in

ZENITH ENGINEERS

No. 4/5 Ram Babu Verma Marg, Near Pareek Hospital,
Civil Lines, Agra - 282002, India.

biozen@gmail.com

Tel: (0562) 2523036

Fax: (0562) 2852141