

## *CH20i Research Binocular & Trinocular Microscopes*

The Olympus CH20i is an economically priced microscope that achieves a high standard of optical and mechanical quality for educational applications.

Simple enough for even first-time microscope users to master, the Olympus CH20i achieves a high standard of optical and mechanical quality for educational microscopes. The newly designed stand has a slim body design, allowing the user to operate the coarse and fine focus comfortably while keeping the hands on the desk.

Newly developed objectives exclusive for the Olympus CH20i provide sharp, high-contrast images.



### **Features and Benefits**

- Easy to use and dependable.
- New, improved Olympus NEA LB optics ensure bright, clear images.
- Conveniently placed controls and a slim base make for comfortable viewing and efficient adjustments.
- Highly rigid frame and easy-to-use design offer great reliability and long term durability for educational institutions.
- An opening in the arm of the frame allows viewing the specimen stage in situations that require the frame to be placed backwards, so the mirror can capture light when emanating from in front.

### **Anti-Fungus Optics**

New, improved Olympus NEA LB optics provide a sharp undistorted image over the entire field of view. Known for excellent resolution and high contrast. From the eyepiece and objectives to the interior of the observation tube, comprehensive anti-fungus treatments are applied to every area which affects the clarity of the image. Image excellence is, therefore, extremely long lasting even in conditions liable to fungus growth.

### **Solid and reliable for educational users**

- Highly rigid frame and easy-to-use design, reliable for educational applications
- A 6V/20W halogen bulb provides ample illumination for any observation
- Conveniently placed controls and a slim base make for comfortable viewing and efficient adjustments.

### **Specifications**

- Binocular observation head model, inclination 45 degree, interpupillary distance adjustment range 53-75 mm, diopter adjustment on the left.
- Achromatic objectives: Olympus iNE 4x, iNE 10x, iNE 40x (spring), iNE 100x (spring, oil). All achromat. All antifungus coated.
- Eyepiece: Olympus iCWHK10x LB widefield, antifungus coated.
- Focusing by coaxial coarse and fine roller guide (rack and pinion type). Coarse movement stroke 20 mm. Tension adjustment on right. Quadruple revolving nosepiece (fixed). Plane stage 120 x 132 mm. With mechanical stage right hand coaxial drive. Abbe condenser 1.25 (oil immersion), vertical adjustment range 10 mm, with aperture iris diaphragm. Blue filter.
- Built-in 6V, 20W illuminator base with halogen lamp (with one spare). Plano-concave mirror unit. 8 cc immersion oil. Plastic cover. Instruction manual. In thermocole packing.