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Find the *Olympus BX40* at our website: *Click HERE*

BX40 Laboratory Microscope



The BX40 is the laboratory standard compound microscope for routine observation. World-class optics and a clean ergonomic design make this the scope of choice for thousands of laboratories around the world.

Features and Benefits

Ergonomic Design for Efficiency and Comfort

- "Y"-shaped frame brings all adjustable features toward the user for easy access to controls, while also providing maximum stability
- Focus control knobs on both the left side and right side of the frame for user preference
- Standard, large 22mm field of view reduces scanning time; optional superwide trinocular head allows 26.5mm field of view
- Inward-facing, five-position nosepiece for easy objective rotation

Flexible System Format

- Modular design allows easy attachment of accessories without any compromise in image; accepts a variety of video attachments, film cameras, and also the URA fluorescence attachment for performing fluorescence observation
- The BX40 accepts all UIS optics, delivering bright, sharp and high-contrast images
- A 6V/30W halogen illumination with photo-preset button for bright images and convenient photo documentation

Phase Contrast

- UIS optics provide bright, crisp phase images from four full lines of phase contrast objectives: Achromats, Plan Achromats, U Plan Fluorites, and U Plan Apochromats
- Phase condenser allows rapid changeover from 4x to 100x and automatic opening of aperture diaphragm in phase contrast positions



Additional Configurations

Cytology and Beyond:
In addition to the standard features found on the BX40 frame, the BX40CY takes ergonomics one step further by providing a lower working stage platform. This allows users who prefer to move the slide by hand additional comfort by greatly reducing hand reach, helping to further reduce wrist tension and repetitive motion disorders.

A special version of the 10x Plan Achromat objective (PL10XCY) includes a filter to match the light intensity of the 40x objective, eliminating painful glare when performing rapid changeover between 10x and 40x objectives.

Optics

The following are a selection of recommended objectives for the BX40 microscope. Please note that the BX40 will accept all other UIS optics as well.

- Achromats 10x, 20x, 40x, 60x, and 100x oil/iris
- Plan Achromats 2x, 4x, 10x, 20x, 40x, 50x oil, and 100x oil
- U Plan Fluorites 4x, 10x, 20x, 40x, 60x oil, and 100x oil
- A complete line of Phase Contrast objectives is also available

Special Purpose Objectives:

- Cytology: 10x Plan Achromat CY with built-in Neutral Density Filter that equalizes the light intensity when switching between the 10x and 40x objectives. Eliminates the need to adjust light intensity when switching between these two objectives (for faster, convenient viewing)
- Hematology: 50x Plan Achromat oil for the image quality of oil with a large field of view
- Pathology: 60x Achromat for high magnification and the convenience of oil-free use
- Pathology: 2x Plan Achromat for large field scanning and imaging

For a complete glossary and description of objective terms, please visit our information center.

Accessories

- Tilting Binocular Observation Tube: Adjustable 5° - 35° to suit individual requirements of multiple users. Ideal setting of the eyepiece position allows maximum comfort and reduces fatigue.

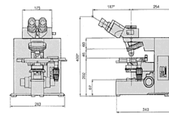


- Trinocular Observation Tube for film or video camera attachment
- Multi-Headed Viewing Attachment for accommodation of up to five total observation positions. Allows several users to observe a single specimen at the same time. Built-in pointer allows teachers to highlight areas of interest.



- URA Universal Reflected Light Attachment for fluorescence observation or brightfield reflected light observation

Dimensions



Peripherals

- DP11-Digital Camera--designed with microscopy in mind
- PM10SP--fully automatic photomicrography film camera system
- ImageQUEST Image Communication Software System
- OLY-200 CCD Color Video Camera
- OLY-750--color three-CCD video camera

Related Products

BX50 Upright Laboratory / Research Microscope
Upright research microscope: Based on the same design as the BX40 microscope but with additional features such as a 12V/100W Halogen illumination source and built-in filter set for photomicrography.

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