

CX41 – Infinity corrected optics at low cost



CX41

- New standard with Plan C objectives
- Tilttable observation tube and height adjusters
- Low cost fluorescence
- Excellent brightness for bright/darkfield and phase contrast
- Polarisation analyser for gout detection
- Space-saving rackless stage with left/right controls
- Refocusing stop



BX41 – Unrivalled performance for its price



BX41

- Objectives from 1.25x to 100x without change of condenser
- Easy and comfortable operation
- Tilting head and extension tubes
- High degree of versatility and modularity
- Superb fluorescence microscopy
- Always reliable



BX45 – The most ergonomic screening microscope ever



BX45

- Observation tube 80 mm higher and 70 mm closer to the operator
- Extendable eyepoint can move up to 45 mm towards the user
- Eyepoint position can be tilted from 0 to 25 degrees
- Up to two eyepoint adjusters allow the position to be raised by 30 mm
- Low stage for easy exchange of specimens
- Pre-centered and pre-focused illumination and condenser
- Provides a full range of observation methods: brightfield, darkfield, phase contrast and polarisation



BX51 – Full features for flexible research

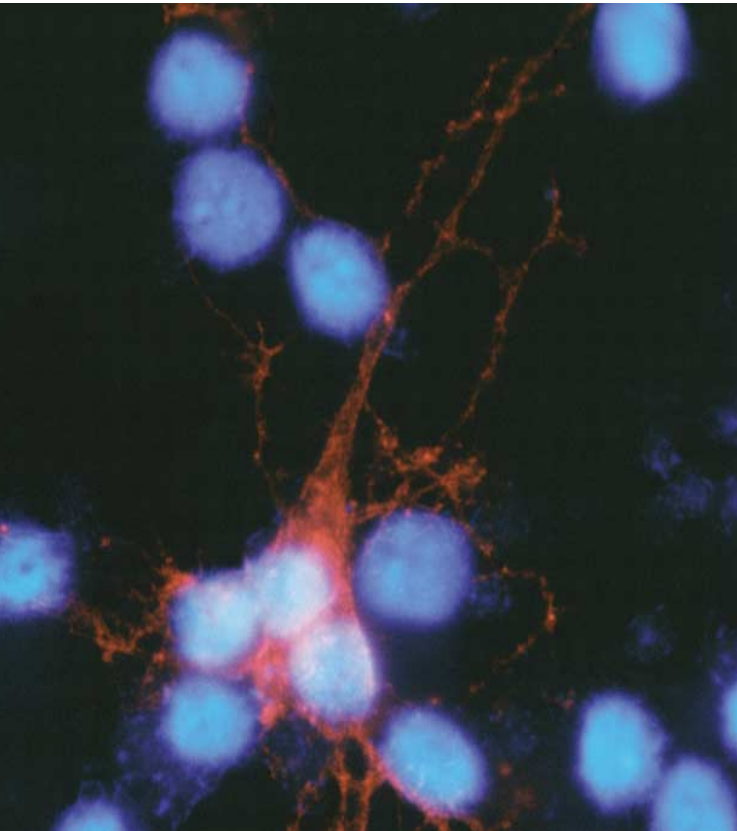


BX51

- Fluorescence images of nearly twice the conventional brightness
- DIC without compromises: higher resolution, higher contrast
- Septuple revolving nosepiece and eight positions universal condenser
- Wide range of specialised objectives for IR, high NA, water immersion, and 340 nm operation
- Structural rigidity and compact Y-shape
- Great system versatility



Outstanding fluorescence performance



Primary culture of chicken brain cells: myelin associated glycoprotein staining in red and DNA staining in blue.

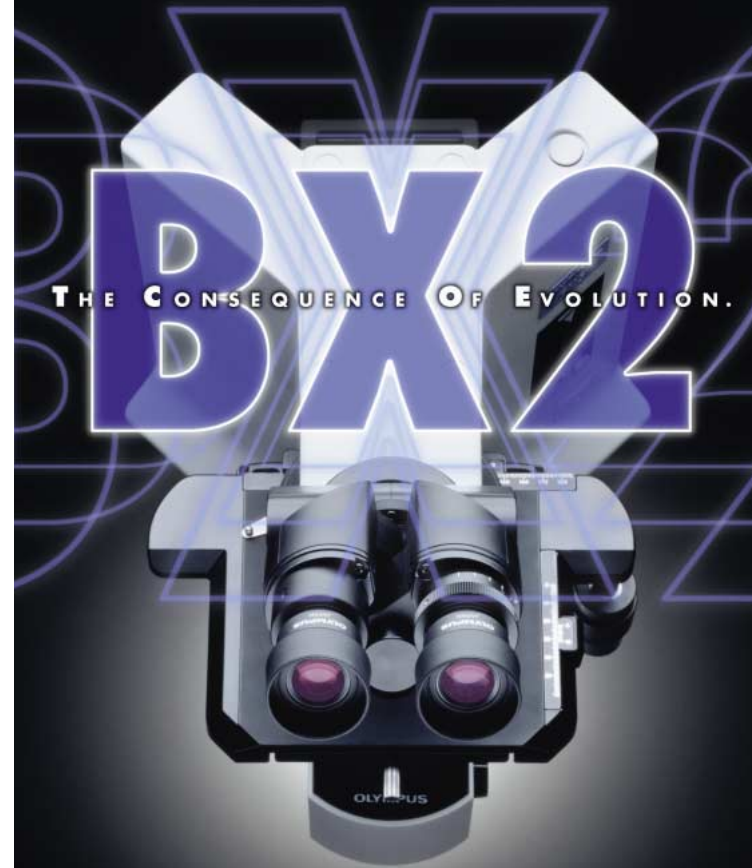
- Brighter images for precise observation
- Six cubes turret
- Chromatically corrected illumination from UV to IR
- Excitation balancers for most common dual or multi-labelled fluorochromes
- Rectangular field diaphragm for improved digital imaging and reduced size of bleaching area

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OLYMPUS
THE VISIBLE DIFFERENCE

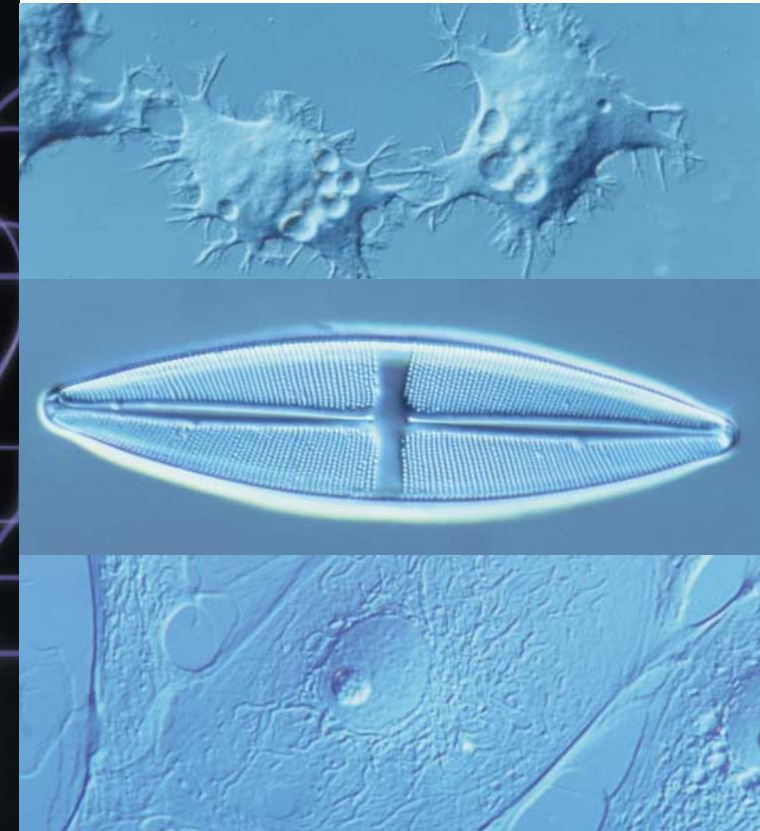
CX41 BX41 BX45 BX51



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THE VISIBLE DIFFERENCE

Unmatched DIC flexibility



Top: thin specimen (cell line NG108)
Centre: thick specimen (diatom)
Bottom: general specimen (cell line Ptk2)

- Optimum imaging for all specimens
- High Contrast DIC for thin specimens at high magnification
- High Resolution DIC for thick specimens
- Brighter images due to improved analyser and polariser
- Fine retardation adjustment