

# DX61 Routine Microscope

An inverted microscope that meets the demands of routine cell observation.



The DX61 offers life science professionals convenience, performance and flexibility combining infinity corrected optics with innovative mechanical design and is particularly suited to most tissue culture applications.

- Outstanding optical performance
- Infinity optical system
- Ergonomically optimised and compact design
- Optional ISIS Expanded-Pupil eyepieces increase eye-relief

Vision Biomed have developed the DX61 with the operator and working environment in mind. Its stable compact design is equipped to accept a wide range of accessories

## Features and Benefits

- Observation modes include brightfield, fluorescence and phase contrast, with a pre-centred phase contrast slider making operation straightforward.

## Ergonomics

- Vision Biomed's patented Expanded-Pupil eyepieces optimise operator performance by increasing eye-relief and freedom of head movement. An exit pupil of 38mm allows for prescription spectacles and safety glasses to be worn. The ISIS eyepieces have a dioptre adjustment and accept measuring graticules.
- A glass insert in the stage increases the visibility of the objectives.
- Low positioned stage and focussing controls promote fatigue free operation.



DX61, with ISIS eyepieces.

## Versatility

- The stage is designed to accept a wide range of containers. Stage adapters are also available to accept a variety of vessels and well plates.



Outstanding optical performance and extreme versatility.

Microscope body	
Focus	Coaxial bilateral coarse and fine adjustment Torque adjustment for coarse focus control
Illuminator	Built in illumination for transmitted light 6 volt 50W Halogen bulb (pre-centred) Built in variable transformer
Nosepiece	Quintruple nosepiece
Optical system	Infinity optical system
Observation tube	
Interpupillary adjustment	48 to 75mm
Inclination	30° Compensation free trinocular head
Mechanical stage	
Stage dimensions	160 x 250mm with glass insert
Controls	Low positioned coaxial controls
X & Y movement	120 x 78mm
Condenser	
Extra long working distance (N.A. 0.3) of 72mm (150mm without condenser)	
Contrast slider	
With phase ring for x10 and x20 objectives	
Brightfield position	
Empty slot for additional phase rings	
Objectives	
Infinity plan achromat (brightfield) x4/N.A. 0.1 working distance 18mm	
Infinity plan phase x10/N.A. 0.25 working distance 10mm	
Infinity plan phase x20/N.A. 0.4 working distance 5.1mm	
Infinity plan achromat (brightfield) x40/N.A. 0.6 working distance 2.6mm	
Eyepieces	
Widefield high eyepoint x10/F.N 22	



Vision Biomed manufacture a comprehensive range of ergonomic stand-alone routine laboratory microscopes.

For more information...

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