



## Optimum and unparalleled comfort in use

### Advanced Biological Microscope with Binocular Head.

**Head:** Binocular, 30° inclined; 360° rotating.

**Dioptic adjustment:** Left eyepiece.

**Eyepieces:** WF10x/18mm, high eyepoint, secured by screw.

**Nose piece:** Quadruple ball bearings revolving nose piece, reversed.

**Objectives:**

- N-PLAN objective 4x/0.10
- N-PLAN objective 10x/0.25
- N-PLAN objective 40x/0.65
- N-PLAN objective 100x/1.25 (Oil/Water)

All with anti-fungus treatment.

**Specimen stage:** Mechanical stage, 125x115mm, 70x30mm X-Y movement range. Vernier scale on the two axes, accuracy: 0.1mm.

**Focusing:** Coaxial coarse and fine focusing mechanism with limit stop to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.

**Condenser:** Abbe N.A. 1.25, pre-centered, focuseable, with iris diaphragm.

**Illumination:** X-LED<sup>2</sup> with white 3 W LED and brightness control. Colour temperature: 6,300 K.

**External Power Supply:** 100-240Vac/6 Vdc, Multiplug adaptor (EU, UK, US)

**Dimensions:** 370mm (H) x 235 mm (W) x 320 mm (D), 6.5 kg.

### Key Features

- ✓ *Quadruple nose piece with 4x, 10x, & 40x*
- ✓ *100xRD oil immersion lens*
- ✓ *10x eye pieces*
- ✓ *Built in mechanical stage*
- ✓ *Fitted with X-LED illumination*
- ✓ *1.25NA abbe condensor*

**Order Code: MIC:005**



## Optimum and unparalleled comfort in use

### Advanced Biological Microscope with Trinocular Head.

**Observation mode:** Brightfield

**Head:** Trinocular (fixed 50/50), 30° inclined, 360° rotating.

**Interpupillary distance:** Adjustable between 48 and 75 mm.

**Dioptric adjustment:** On the left eyepiece tube.

**Eyepieces:** WF10x/20 mm, high eye-point and secured by screw.

**Nose piece:** Quintuple revolving nose piece, rotation on ball bearings.

**Objectives:**

- N-PLAN objective 4x/0.10
- N-PLAN objective 10x/0.25
- N-PLAN objective 40x/0.65
- N-PLAN objective 100x/1.25 (Oil/Water)

All with anti-fungus treatment.

**Specimen stage:** Double layer rackless mechanical stage, 150x139mm, 75x33 mm X-Y range.

**Focusing:** Coaxial coarse (adjustable tension) and fine focusing mechanism with limit stop to prevent the contact between objective and specimen.

**Condenser:** Abbe N.A. 1.25, with objective-coded iris diaphragm, focusable and centerable.

**Illumination:** X-LED<sup>3</sup> with white 3.6 W LED (6,300K) with brightness control.

**External Power Supply:** 100–240 Vac / 6 Vdc, Multiplug adaptor (EU, UK, US)

**Dimensions:** 405 mm (H) x 235 mm (W) x 370 mm (D), 7.5 kg

### Key Features

- ✓ *Quadruple nose piece with 4x, 10x, 40x, & 100x*
- ✓ *Widefield eyepieces 10x with field number 20*
- ✓ *Built in sliding stage*
- ✓ *X-LED<sup>3</sup> light intensity controls, LED power: 3.6w*
- ✓ *1.25NA Abbe Condensor, centering system*

Professional Camera, Adaptor and Projection Lens are available as an option.

**Order Code: MIC:005A**