

www.alarge.com.tr

+90 212 924 56 52



## AL POL POLARIZED MICROSCOPE

**Optical System:** UCIS infinity independent achromatic optical system

**Observation Tube:** Seidentopf trinocular viewing head, inclined 30°, rotatable 360°, 50-75 mm interpupillary distance settings, ±5 diopter adjustment

**Eyepiece:** WF10x plan eyepieces, 20 mm field of view, high eye point

**Objective:** Infinity achromatic objective 4X, 10X, 40X, 100X

**Nose-piece:** Quadruple nose-piece inward facing with

positive click stops

**Condenser:** Abbe condenser N.A.1.25 With iris diaphragm, phase-contrast / dark filed slide holder, hand-wheel lift, precise condenser up and down adjustable system. The condenser bracket is equipped with a condenser center adjustment device for easy alignment of the center of the illumination system. The condenser aperture diaphragm uses the same color as the color of the objective lens to facilitate high resolution, high contrast images.

CONFIGURATION LIST	
MODEL	AL-MIC200
UB200 Body	✓
Trinocular, Interpupillary Distance 50-75 mm (20:80)	✓
High Eye-Point Plan Eyepiece WF10X/20	✓
Infinity Achromatic Objective 4X N.A.0.13	✓
Infinity Achromatic Objective 10X N.A. 0.30	✓
Infinity Achromatic Objective 40X(S) N.A.0.70	✓
Infinity Achromatic Objective 100X(S)/(Oil) N.A. 1.25	✓
Mechanical Stage, Right Handed, 156X138 mm, Movement Range 76X54 mm	✓
Quadruple Nosepiece, Inward Facing	✓
Abbe Condenser	✓
Kohler Illuminator (With Field Diaphragm)	✓
for 6V 20W Halogen Lamps	✓
1X C-Mount	✓
Polarizer	✓
Analyzer	✓
11.6" LCD Screen	✓
Blue Filter (φ38)	✓
Ground Glass (φ38)	✓
6V 20W Osram Lamp	✓ ✓
250V/3.15A φ5X20 Fuse	✓ ✓ ✓
Immersion Oil	✓
Dust Cover	✓
2mm Allen Screw Driver	✓
Power Cord	✓

### Coarse and Fine

**Focus:** Low position coaxial coarse and fine focus mechanism with markings on fine focus knobs. Moving range 9mm. Fine focus sensitivity 0.001 mm

### Stage:

Mechanical stage 156\*138mm, moving range 76\*54mm. Sensitivity is 0.1 mm, two calipers, moving ruler, XY low position hand wheel.



## AL-MIC MICROTOM

Al-MIC Microtom is used for cutting thin samples for OIT device or Carbon Black Distribution Device

- ✓ The cutting range: 20 - 750 microns
- ✓ Servo motor control.
- ✓ High sensitivity with

special knife.

### Technical Specifications :

- ✓ Automatic or manual sample cutting.
- ✓ 4.7" touch screen panel.
- ✓ Security sensor
- ✓ Panasonic PLC control