

Compound 3012

Microscope Series

Crisp, High Resolution Images at an Affordable Price

The 3012 Compound Microscope Series features E-Plan Achromat Infinity objectives which are renowned for crisp, high contrast images with outstanding resolution. Modular in design the 3012 boasts options for entry level fluorescence applications, phase contrast, darkfield and simple polarization.

EASE OF VIEWING, MAXIMUM FLEXIBILITY

With 22mm field of view eyepieces and an eyepoint height that is adjustable, it can be raised 35mm by rotating the eyepiece tubes up 180 degrees to accommodate the needs of various users.

SHARP, HIGH RESOLUTION OPTICS

ACCU-SCOPE's Infinity E-plan objectives provide users with best in class high resolution, high contrast objectives. Objectives are available in plan achromat and plan phase configurations.

RACKLESS STAGE

The rackless, scratch resistant rectangular stage has low-positioned X-Y coaxial controls.

OPTIONAL ACCESSORIES

- › Trinocular viewing head – 50/50 light split
- › 15x and 20x eyepieces
- › Digital and HD Cameras
- › Plan achromat objectives: 20xR, 50xR oil and 60xR
- › Plan phase objectives: 10x, 20xR, 40xR and 100xR oil
- › Turret phase condenser – BF, 10x, 40x & 100x annuli positions
- › Phase contrast sliders: 10x/BF/40x and 20x/BF/100x
- › Fluorescence attachment, 2 position filter slider
- › Darkfield slider (4x – 40x)
- › Reticles
- › Simple polarizer/analyzer
- › Field diaphragm, cord hangers
- › Microscope carry case



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SPECIFICATIONS



Weight:
16 lb



Dimensions:
10" L x 9.25" W x 16.75" H



Optical System:
Infinity Optical System,
f = 200mm, Anti-Mold

Viewing Head:

- › Siedentopf type, inclined 30
- › Interpupillary distance adjustment 47-75mm, 360 rotatable
- › Available in binocular or trinocular configurations.
- › Eyepoint height is adjustable and can be raised 35mm when the interpupillary distance is 64mm by rotating the eyepiece tubes up 180 to accommodate the needs of various users.

Eyepieces:

- › WF10x focusable eyepieces, 22mm field of view.
- › Eyepieces are locked-in to prevent classroom tampering.
- › Eyepiece accepts a 26.5mm reticle

Nosepiece:

Rear facing quintuple, ball bearing nosepiece with positiveclick stops to ensure parcentration

Illumination:

3 watt LED (20,000 hour rated life) or 12 volt 20 watt halogen, an optional field diaphragm is available