

Optical System	Finity Optical System
Eyeiece	PL10X/22mm High Eyepoint Eyepiece, Diopter Adjustment ± 5 , Tube $\Phi 30$ mm
Objective	45mm DIN Achromatic Objective: 4X, 10X, 40X(S), 100X(S, Oil)
Viewing Head	Articulated Free Binocular Head, 30° inclined, Interpupillary Distance 50-75mm
Nosepiece	Backward Quintuple or Quadruple Objective Nosepiece
Stage	220X148mm X-axis Low Hand Position Double Mechanical Stage(steel wire transmission), 76X50mm, Precision 0.1mm, Damped Double Slide Clamp
Condenser	Abbe Condenser Set
Focusing System	Coaxial Coarse and Fine Focus Knobs, Precision 0.002mm
Illumination	3W LED Lamp with Kohler Illumination System
Optional	1.Insert Phase Contrast Apparatus 2.Dry Darkfield Condenser, Oil-darkfield Condenser 3.Polarizing Device 4.Plan Objective Set, Infinity Plan Achromatic Objective Set 5.Swing Abbe Condenser 6.5W LED
Net Weight	7KG

Package

1set/foam+carton

Carton Dimension: 36X31X47cm

This is an infinity-configuration microscope. It meets laboratories, medical schools requirements, Summary

The CCM2016 binocular and 2016T trinocular are university-grade phase contrast microscope that provide a cost-effective solution for education, research or advanced laboratory applications. They include three objective lenses (plan 4x brightfield, 10x and 40xS semi plan phase), set in a quintuple nosepiece for magnification powers of 40x, 100x and 400xS. Both models are available with either halogen or LED Koehler illumination. Lifetime Limited Warranty.

Optics

The microscopes include a Siedentopf-type binocular or trinocular head with the oculars inclined at a comfortable 30°. An optional ergonomic head offers 10 to 50 degrees of inclination range for even greater viewing comfort. The left eyetube has diopter settings for easy individual eye focusing and interpupillary distance is adjustable between 53mm - 75mm. 10x Widefield High Eyepoint eyepieces (F.N. 20) are standard with a 19mm reticle mount. Optional 15x and 20x eyepieces are also available as is a Widefield High Eyepoint 10x focusable eyepiece that accepts 25mm reticles. A DIN Infinity Corrected Optical System (ICOS) includes three objective lenses (Plan 4x brightfield, Semi Plan Phase 10x and, 40xS) set in a ball bearing mounted, quintuple nosepiece.

The trinocular version (2016T) includes an 80/20 beam splitter which is employed for photomicrography. (100% to eyetubes or 80% to phototube & 20% to the eyetube). Please note that you will need to purchase an appropriate trinocular adapter for your camera.

Condenser & Illumination

Zernike Phase Condenser NA 1.25 with centerable phase annuli for 10x, 20x, 40x, 100x and brightfield/darkfield stop for 40x objective. Dovetail mount for easy change. LED Koehler illumination.

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