

Ceti Magnum-T Compound Microscope with LED Epi-Fluorescence Attachment

Product Code: 2777.0000M

Brand: Ceti

The flexible Ceti Magnum-T Compound Microscope with LED Epi-Fluorescence Attachment is specially designed for both brightfield viewing and the fluorescent examination of samples. Providing excellent quality images via the wide-field FN20mm eyepiece, this microscope includes four Infinity Corrected Plan Achromatic objectives.

This popular, economically priced, biological upright microscope features a robust, T-shaped base, designed to offer maximum stability. Modern, ergonomic features such as a 30° inclined eyepiece tube and a vertical photo/video port, ensure a comfortable viewing position over a prolonged period.

Bright, white LED transmitted lighting with intensity control is featured in this model, along with an LED light source for fluorescence excitation (instead of an expensive, difficult to dispose of, challenging to centre and energy inefficient mercury vapour lamp).

Fluorescent Attachment:

A fluorescent filter tumpate with 5 positions:

- Neutral (brightfield)
- **UV (ultraviolet):** excitation filter (330 - 400nm), barrier filter (425nm)
- **V (violet):** excitation filter (395 - 415nm), barrier filter (455nm)
- **B (blue):** excitation filter (420 - 485nm), barrier filter (520nm)
- **G (green):** excitation filter (460 - 550nm), barrier filter (580nm)

External lamphouse & power supply.



Features

- Sturdy base for comfortable viewing over long periods
- Wide-field 10X, FN20 eyepieces with dioptic adjustment
- Quintuple, reversed nosepiece with four Infinity Corrected Plan Achromatic objectives
- Trinocular eyepiece tube as standard to accept digital microscope cameras
- Bright, white LED illumination with intensity control
- Full Köhler illumination

Specifications

Optical Head	Trinocular with photo port, inclined at 30°
	Interpupillary Distance Adjustment (Siedentopf Type): 55 to 75mm
	Diotropic adjustment on one eyepiece
Eyepieces	10x/20mm wide-field
Objectives	4x, 10x, 40x, 100x Infinity Corrected Plan Achromatic
Condenser	Pre-condenser with field diaphragm
	Brightfield Abbe - NA 1.25
	Focusable and centrable, iris diaphragm
Stage	210 x 140mm with built-in mechanical stage and slide holder
	90 x 60mm movement, vernier scale
Illumination, Transmitted	3W LED with intensity control
Illumination, Reflected	3.6W LED with intensity control
Supplied With	Blue and green filter, 2 spare fuses, immersion oil (10ml), soft rubber eyecups, dust cover, and instruction manual

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