

INVERTED MICROSCOPE MW-50 FL





MW50FL Inverted Microscope

MW50 series microscope is a laboratory inverted microscope, designed for work in research and industrial laboratories and academia. Modern design, plentiful accessories, bright, warm LED illumination and high-class optics make working with the MW-50 series microscope a pleasure and guarantee precise research results. The viewing head's design allows for the attachment of microscope cameras

Technical parameters*

Optical system	CSIS (color corrected infinity optical system)
Viewing head	Binocular viewing head with adjustable interpupillary distance: 54-75mm, dioptic correction: +/-5 diopters in both eyepieces. Eyepiece inclination: 45°
Eyepieces	Wide field PL 10X/22mm or PL 15X/16mm (optional)
Revolving nosepiece	Quintuple
Objectives	Plan-achromatic, infinity-corrected phase contrast objectives with long working distance: <u>MW50FL</u> : LWD infinity semi-apo Fluor objective 4X, 10X, (optional 60X), LWD infinity semi-apo Fluor PH20X, PH40X;
Focus adjustment	Coaxial coarse and fine Focus adjustment knob. Fine adjustment precision: 0,002mm
Stage	Comfortable, large stag with stands for different specimen types. Dimensions: 160x250mm. Outfitted with coaxial XY movement mechanism. Movement range: 120x78mm
Illumination	5W/12V adjustable warm LED light source
Condenser	0.3 N.A Koehler condenser. Working distance: 72mm. Phase contrast slide plate and a slide plate for two filters
Image acquisition	The microscope outfitted with a trinocular viewing head is suitable for mounting a digital microscope image acquisition set
FL module	Power supply and HBO 100W mercury lamp, filter block: B1, G1, UV1;

* Due to constant technological progress, the parameters provided above are purely informational in nature, depict an example configuration and are liable to change