



Product Code . JL-M-8062

Series Monocular Microscope

Description

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JLab Series Microscopes feature a unique euro style base design, and an ergonomic arm for convenient transport and a sturdy aluminum die-cast stand for durability.

Its LED illumination is a cooler, white light source with a low voltage providing hours of use for your microscope.

It comes with DIN objectives combining with a 10 wide-field eyepiece, which offers a magnification of 40X, 100X, 400X and 1000X.

This is a standard microscope offered at a great price.

They are achromatic, color-coded, parcentered and parfocal.

Grade 9 through college level application.

The arm and base are made of one piece construction.

It provides an excellent optics for biology studies as well as laboratory applications.

Specification:-

Viewing Head	Monocular head, 360° rotating inclined at 45°
Eyepiece	Locked-on 10X wide-field eyepiece with calibrated pointer; locked on for security to prevent rotation
Nosepiece	4-position reverse nosepieces with positive click stops
Objectives	Achromatic DIN objectives: 4X, 10X, 40XR, and 100XR (oil immersion); they color-coded for easy identification 100XR objectives are retractable (R)
Focusing System	Coaxial coarse and fine focusing control Rack and pinion coarse focusing with slip clutch at both ends of travel to prevent damage Safety rack stop ensures delicate specimens and objective lens are not damaged Tension adjustment eliminates focus drift
Stage	Built-in X-Y mechanical stage 12.5cm x 11.5cm with 0.1mm increments for precise movement With X-Y control torque Smooth X/Y calibrated movement with cross travel range 7.4cm x 3cm
Condenser	Focusable 1.25 N.A. Abbe condenser Can be moved up and down controlled by a rack and pinion system Iris diaphragm that has clear optical plastic protection to protect diaphragm from dust and damage Turn wheel control makes it easy to adjust the size of central aperture of Iris diaphragm
Illumination	Built-in LED illumination Light intensity control helps to achieve better contrast LED bulb lifespan is 10,000 hours Three wire-grounded power cord for corded models only
Design	Full 14.5" in height with 9.2" x 8" base, an ergonomic arm for convenient transport