



**Product Code . JL-M-8061**

## **LED Kohler Illumination Monocular Microscope**

### **Description**

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LED Kohler Illumination Monocular Microscope

#### **Description:-**

JLab series microscopes specifically feature high-resolution DIN objectives and a standard Kohler illumination system, which provides uniformly bright and free-from-glare specimen illumination.

This microscope is ideal for a wide variety of laboratory applications for advance grades and college studies.

It provides a total magnification of 40X, 100X, 400X and 1000X.

The reverse nosepieces contain 4 objectives: 4X, 10X, 40XR and 100XR.

With the 10X wide field eyepiece.

Available with either monocular or siedentopf binocular heads.

Standard 1.25 N.A. condenser and iris diaphragm are also presented in this microscope.

#### **Packing List:-**

One monocular microscope with built-in LED illumination.

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One dust cover.

Immersion oil.

One locked-on 10X wide-field eyepiece with calibrated pointer.

User Manual.

### 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 p
Reverse Nosepiece	4-position reverse nosepieces with positive click stops
Objectives	Achromatic DIN objectives: 4X, 10X, 40XR, and 100XR (oil immersion); they color-co 100XR objectives are retractable (R)
Focusing System	Separate coarse and fine focusing control
	Rack and pinion coarse focusing
	Safety rack stop ensures delicate specimens and the objective lens are not damaged
	Tension adjustment eliminates focus drift
Stage	Built-in X-Y mechanical stage 14.3cmx13.3cm with 0.1mm increments for precise me
	Smooth X/Y calibrated movement with cross travel range 7.6cm x 3.8cm
Condenser	Focusable 1.25 N.A. Abbe condenser
	Can be moved up and down controlled by a rack and pinion mechanism system
	Iris diaphragm that has clear optical plastic protection to protect diaphragm from dust
	Turn wheel control makes it easy to adjust the size of central aperture of Iris diaphrag
Illumination	Koehler illumination, which includes a field diaphragm control above the light source,
	Built-in LED illumination with light intensity control in the base
	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 16" in height with 8.8" x 7" base