



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

LED Fluorescence Microscope

**Product Code :**

SLE/M/36



**Website:** <https://www.thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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## Description :

### Technical specification:-

**Eyepiece:** Wide field WF10X

### Objective:-

Infinity plan achromatic Objectives PL 4X/0.10

Infinity plan achromatic Objectives PL 10X/0.25

Infinity plan achromatic Objectives PL 40X/0.65(Spring)

Infinity plan achromatic Objectives PL 100X/1.25(Spring, oil)

**Eyepiece tube:** Trinocular eyepiece tube with 4 numbers antifungal eye piece with interpupillary adjustment and magnification of 10X / FOV 20 and 22mm or higher. Light distribution 2 way (100/0 and 0/100). Stage Super hard ceramic coated mechanical X/Y stage, rust free, scratch proof, with vernier calibration, should hold two slides firmly.

**Condenser:** High quality condenser (10X-100X objective magnification), Upright, universal turret type for bright field and fluorescence imaging.

**Light source:** LED 4W, Uniform light distribution, Intensity controller, having life span of more than 40,000 hrs.

**Fluorescent illumination:** 100W mercury fluorescent illumination and should have intensity controller, three or more filters (UV, Blue and Green excitation) and four position rotating filter turret.

**Objectives and Objective Turret:** Four or more position nose piece and facing inward.

Harmonic corrected antifungal PLAN objectives for fluorescent and bright field microscopy; 10X, 40X and 100X objectives.

**Power supply:** 12V DC, 1.5A (for mains 100-240V AC, 47-63 Hz,) with voltage stabilizer.