



Advance Digital Research Microscope Model-RH-86UXLDS3

Advance Digital Research Microscope: Model 'UNILAB' RH-86UXLDS3 ('ISI' & 'CE' Marked)

- **Stand** : Die-cast components with rectangular, heavy & stable base. *C-shape arm* fixed stand at an angle, ensure fatigue free working. Metallic construction is sturdy, corrosion/acid/stain proof.
- **Tube** : Trinocular head inclined at 30°/45°, rotatable to 360°, fitted with anti reflection & fungus resistant coated prismatic set. Quadruple nose piece with colour coded rubber ring, revolves on high grade steel balls & dust proof carrier to ensure super smooth rotation and maintain parfocality.
- **Focusing Mechanism** : Co-axial coarse & fine focusing for easy manipulation, based on four stage reduction gears and travelling on ball bearing guide ways with virtually no wear, tear & free from backlash. Tension adjustment ring to suit individual comfort.
- **Stage** : Ball Bearing Type Double Stage Co-axial mechanical stage size 140x135 mm with verniers of least count 0.1 mm.
- **Condenser** : Two lens, abbe condenser N.A. 1.25 with iris diaphragm having filter support & moveable by rack & pinion motion.
- **Illumination** : High intensity compact light source by built-in base 6V-20W Halogen Bulb/3W LED bulb through solid state transformer provided with on/off switch & light intensity regulator, works on 220V 50 Hz AC supply. (With battery back up of upto 5-6 hrs optional). Plano concave reflector for day light illumination.
- **Optics** : Anti reflection & fungus resistant coated optics provide a flat image, Parfocal and pre-centered.
- **Eyepieces** : Ach. EWF 10x F.N. 20 mm (Strain free), with eye guards
- **Objectives** : DIN **Semi Plan/Plan** 4x/5x, 10x, 40x/45x (SL) & 100x (SL) oil immersion.
- **Packing** : Packed in shock proof Styrofoam packing (an attractive & thick ply-board box with lock and key is optional). Essential accessories like power cord, vinyl cover, cleaning cloth, a roll of lens cleaning paper, cleaning brush, immersion oil, cleaning solution, silica gel etc.

OPTIONAL:

- **Projection System:** DS3- Image projection system comprising of LCD Screen with in built camera 5 MP and accessories

LCD SCREENS WITH CAMERA- Specification

Model'UNILAB' RH- DS3

Series- All in one monitor camera

Sensor size- 1/2.86" **Effective pixel**- FULL HD

Resolution- 30fps@1920*1080 **Output**- USB2.0, TF card

Pixel size- 2.75 μmm ×2.75 μm **Power**--DC-12V/1A

Compatible with Computer System/Laptop. Memory card slot for storage



FUNCTIONS

UI interface- Mouse Control

Basic function- Brightness, Contrast, Saturation, White balance, Black-and-white switch, HDR wide dynamic

Camera function- Digital zoom(Max. 10x), Horizontal/vertical mirror, image freeze

Image adjustment- Exposure, Flicker restrain, Acutance, Gamma, Cb/ Cr gain adjustment
- Image capture, video, image preview, Dynamic contrast, SD card formatting

Cross hair- Can adjust color, line size, hide or display

Reticle- 4 sets of reticle, can adjust color, size, shift and hide

Grid line8 sets of grid lines, each set can be corresponding to one product

Packing- Size and weight LCD 9", 0.7kg

Accessory USB2.0 cable, mouse, DC-12V power adapter