

Product Name :
Medical Microscope

Product Code :
ELABANALYTICAL0015



Description :

Medical Microscope

Technical Specification :

Anti Fungus Optics
Interchangeability of Objectives
High Performance Aspheric Lenses
Tilting Body
Pressure Die Cast Interchangeable Components with Robust Construction
Illumination System
Optical Combinations
Objectives: Achromatic 4X, 10X, 40X & 100X
Eye Piece: WF 10X & Hug 15X

Medical Microscope is a standard laboratory microscope which eliminates the operational complexities of conventional microscope with unique features such as graduated fine motion, graduated mechanical stage, electric illuminator, up and down movement of condenser. Thus medical microscope offers more features i.e. higher quality and better performance at a most affordable price than any other branded microscope in its class.

From the eye piece and objectives to the interior of the observation tube, comprehensive anti fungus treatments are applied to every area which affects the clarity of the observed images. This tropicalized treatment ensures image excellence for long periods in conditions which favor fungus growth. All the main operating functions are within easy reach, thereby allowing extended observation without fatigue of

eye or posture.

The specimen can be observed with the naked eye from the back.

Also, it is convenient to observe the specimen while using microscope through natural light by using reflector.

Body: Monocular die-cast body inclinable upto horizontal position (90°)

Magnification: 40X ~ 1000X

Stage: Plain square stage of 120 x 120 mm with fixed attachable graduated mechanical stage that provides convenient adjustment for manipulation of slide

Nose Piece: Quadruple nose piece with positive click stops for precise and smooth alignment of objectives.

Focusing: Separate coarse and graduated fine motion with sensitivity of 0.002 mm

Eye Piece: WF 10X, Huygenian 5X and 6X

Objective: Four parfocal achromatic objectives 4X, 10X, 40X, and 100X (SL) oil immersion duly coated for clarity and durability

Condenser: Double lens abbe condenser of N.A. 1.25 focusable with rack and pinion movement by a knob provided on the left side of the body with an iris diaphragm and filter holder (for blue filter) to facilitate optimum adjustment of light

Illumination: 50 mm plano-concave mirror in adjustable fork mount as well as interchangeable for electric illuminator

Finish: P.U. Paint

Accessories: Blue Filter, Rubber Eye Guard, Lense Cleaning Tissue Paper, Duster and Dust Cover

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers