



**RESEARCH BINOCULAR/TRINOCULAR MICROSCOPE
with CCIS optical System.**



BODY: - Ergonomic designed for comfortable microscopy, highly rigid, vibration free Aluminum alloy casted frame Stable, strong, big & easy to carry. Corrosion proof, Durable textured acid resistant finish is fresh, vivid, and convenient for working Mechanical stage, Focusing and illumination system easily controlled.

OPTICAL SYSTEM: - High resolution, Color Corrected infinity optical system (CCIS) for brilliant image contrast.

MAGNIFICATION RANGE: - 1500x

VIEWING BODIES: - For comfortable & prolonged Microscopy SIDE N TOP 30° (butter fly type) inclined Binocular observation Head Anti fungus coated, Rota table to 360° with inter pupillary distance: 50-75mm, +5 diopter adjustable.

EYEPIECE: - High Point Anti Fungus coated wide field eye piece 10x/20mm paired.

NOSEPIECE: - Reversed action Quadruple Smooth revolving Ball bearing loaded nosepiece with Rubber grip, positive stops for centered alignment of objectives.

OBJECTIVES: - High Contrast DIN Infinity color corrected CCIS Plan infinity Anti fungal coated Achromatic objectives 4x/0.10 WD 15.5MM, 10x/0.25 WD 7MM, 40x/0.65 WD.71MM (S.L.) & 100x/1.25 WD.14MM Oil (S.L.)

FOCUSING: - Torque adjustable Coaxial Coarse & fine Movement system with novel four stage reduction gear System (ALL METALIC GEAR) with 25mm minimum focusing range, slides smoothly on Ball Bearing Guide Ways which provides the highest Degree of sensitive more than two microns fine focusing reading to 0.002 free from back lash in operating the fine focusing of Optical System, with locking device to protect valuable slides & Tension control ring to adjust the tension on focusing knobs takes care of Lifelong problem of slipping of stage.

MECHANICAL STAGE: - Low drive Horizontal Rectangular Double plate Rack less mechanical stage size 140mm X 135mm having, Cross travel range of 76mm X 50mm in X & Y Direction with venire scale.

CONDENSER: - Bright field condenser Abbe N.A. 1.25M & iris diaphragm with built in filters holder & slot for Phase contrast & Dark field having up-down movement through rack & pinion. With Blue & frosted filters of 45mm.

ILLUMINATION: - To support the robust arm Heavy rectangular sturdy base with built in LED COOLED BRIGHT Illumination battery backup (optional) with on/off switch, continuously variable light intensity controlled regulator & quick change bulb provision, suitable for 220V, 50 Hz, AC supply.

CERTIFICATIONS: - BIS (ISI), ISO 9001, ISO 13485, Eu Ce

PACKING & ACCESSORIES: - Supplied with Extra filters, Extra eye piece 5x, 10x or 15x (Any one pair if required), duster, cover, & instruction manual in Thermocol box or in wooden carrying case (optional).

UNGRADABLE: - This microscope can be upgradable in future with following (Optional) accessories.

Wooden carrying case, Trinocular Head, DIN Plan objectives 20x, 60x SL, WF 15x, WF 20x, Pointers & Micrometer Reticules, Fluorescent attachment, Phase contrast, Analyzer & Polarizer kit, Dark Field attachments, Digital USB Cameras (1.3MP, 3MP, 5MP, 14MP) with in-built adaptors, Digital Cameras and DSLR Cameras with adaptors, Illumination System Halogen 6V 20W.

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