

TRINOCULAR MICROSCOPE

Laboratory Trinocular Microscope with HDMI Camera with Display

- i) Optical System: Semi- Plan (SP) Optics
- ii) Body : Aluminium die cast body with all critical movements based on ball bearing and wire guides, there by ensuring smooth and precise manipulation
- ii) Inclined observation Head: Trinocular 45 degree inclined, rotatable through 360 degrees
- iv) Eyepieces (wide field) for observation: HWF 10x (FN 18 mm) paired eyepiece. Unique optical design of the compensating eyepiece provides relief from eye fatigue and renders color-compensated wide-field images of utmost clarity
- v) Nosepiece : Quadruple revolving nosepiece based on ball bearing mechanism with positive stop click
- vi) Objectives uniformly centered interchangeable & parfocal, anti-Fungus treated : Semi-Plan Archromat Objectives – SP4X N.A 0.10, SP10X N.A 0.25, SP40X N.A 0.65 (Spring) SP100X N.A 1.25 (Oil, Spring)
- vii) Mechanical Stage : Co-axial low drive mechanical stage (125 mmx 145 mm) (± 5 mm) with traverse area of 50 mm x 76 mm (± 5 mm)
- viii) Condenser : Abbe condenser with aperture iris diaphragm (N.A.1.25) focusable with rack & pinion and a continuously variable iris diaphragm with a removable blue filter for daylight observation. Rack & Pinion mounted condenser holder.
- ix) Focusing: Co-axial coarse & Fine controls with a focus adjustment and the fine adjustment knobs. Coarse focus range 20 mm
- x) Illumination base with option : Built in illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Transformer based power supply 100V -240V AC 50/60 Hz single phase. supplied with one bulb & one spare fuse. Easily replaceable lamp from front
- xi) Led light source High brightness, Long life (30000 hrs)



(With Camera all tested Complete)

NOTE: There may be any change in specification due to continuous R & D without notice.

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