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Product Description

Body - Inverted trinocular microscope with integrated HC optics, LED light distribution between eye piece and camera port. Optical- Infinity optical system. Viewing Head- Binocular tube 45° distance 50-76mm adjustable, FN 22. Eyepiece- One Pair of 10X/ 22mm FOV. Nose piece- 6 positions revolving nose-piece with precise click stops. Objective- Plan Achromat 4X (N.A.0.1/ W.D.18.5mm) Ph1, SPF- ELWD 20X (N.A.0.45/ W.D.6.6-7.8mm) Ph2; SPF- ELWD 40X (N.A.0.60/ W.D.2.7-4mm) Fluorescence- LED fluorescence illumination with up to 3 positions, Control panel for controlling the illuminator and Pixel shift corrected fluorescence filters. Mechanical Stage- Double layers mechanical stage, 120mmx85mm with auxiliary stage holder, 35mm dish. Condenser- N.A 0.55 WD 0.27mm with positions for DIC, PH and built in iris diaphragm. Holder- Universal plate holder, glass slide, petri dish, hemocytometer and suitable clasper. Focusing System- Coaxial coarse & fine focusing adjustment with rack and pinion mechanism Fine focusing. Fluorescence attachment- Phase ring for 20x, 40x objectives, Immersion oil Non Fluorescence 30cc. Observation- Brightfield, Epifluorescence. Compatible consumables- Flasks (T25, T75, T225), multi-well plates (6, 12, 24, 48, 96, 384 wells), Dishes (35mm, 60mm, 100mm), Chamber slide, Glass microscopy slide. Certifications- CE, ISO:9001, ISO:13485 & FDA.

Technical Details

- * Image merge, bright field and 3 fluorescent images.
- * Data storage 2000 images, 16GB internal memory.
- * Data export by 2 USB ports.
- * Focusing mechanism Coarse and fine, manual.
- * Image capture Monochrome camera, 12-bit CMOS, 5 megapixels.



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Red channel Ex: 550/20 nm, Em: 610/61 nm

- * Illumination light sources.
- * UV LED for Blue channel.
- * Blue LED for Green channel.
- * Green LED for Red channel.
- * Consumables- Flasks (T25, T75, T225).
- * Multi-well plates (6, 12, 24, 48, 96, 384 wells).
- * Dishes (35mm, 60mm, 100mm).
- * On-board software Stand-alone- Yes, Android operating system; PC is not required