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Product Description

Specification :-

Nosepiece : 4 position B DIC

Illumination Transmitted : LED 10W

Eyepieces : Encoded 4 position Nosepiece and 10x with FOV 20 mm or FOV 23 and diopter adjustment eyepieces facility on both eyes for brightfield, darkfield, phase contrast and support DIC as well.

Stage : Mechanical XY Stage with specimen holders for Multi-well plate's/Petri dishes/Slides/culture flasks.

Objectives : Suitable for Bright-field /Phase Contrast & Fluorescence imaging.

Magnification : 10x/0.25 PH1 FWD 3-4 mm ; 20x/0.30 PH1 FWD 3.5-4.5mm & 40x/0.40-5.0 FWD 2.0-2.2 mm .

Fluorescence : Filter UV-For DAPI, Hoechst, Alexa Fluor 350. Filter Blue- for Rhodamine123, Fluo3, FITC/ethidium bromide. calcium green, Alexa488. GFP, Oregon green. Filter ~ Green- for TRITC. PE.Cy3. Alexa546,555.

Digital Camera : 5 Mega Pixel cooled digital camera with CMOS sensor technology.

Software : Imaging on PC, bar insert option, Annotation, Shading Correction, image overlay for Fluorescence & Intensity Measurement. Image enhancement through brightness, contrast, smooth/sharpen, background subtraction, shading correction, white balance.

PC Configuration : Core i5 Processor '3th Gen: RAM 16 GB minimum; 2 TB HDD; 2GB Nvidia Graphic

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