

Specifications:**1) Trinocular Microscope consisting of:**

- 4x/10x/40x/ 100x Oil objective
- Main Body with built-in fly eye lenses for uniform illumination with inward-type quintuple nosepiece with Light Intensity Management function having in-built display for objective/intensity information, Power saving ECO/sleep mode when microscope is not in use after a specific time, mechanical stage right handle, LED illuminator base with lifetime of 60,000 hrs
- Stage vertical movement stopper
- Abbe condenser supplied with field lens unit with diaphragm
- Vinyl cover EC-T-TF2 Trinocular Tube 2 Inclination: 45°, Pupillary distance: 50 - 75 mm built-in 0.55x C-Mount lens for camera Eyepiece CFI E 10X (Field No. 20) with diopter adjustment
- Plan Achromat 4X, N.A. 0.10, W.D. 30mm (F.O.V.20)
- Plan Achromat 10X, N.A. 0.25, W.D. 7mm (F.O.V.20)
- Plan Achromat 40X, N.A. 0.65, W.D. 0.65mm spring-loaded (F.O.V.20)
- Plan Achromat 100X oil, N.A. 1.25, W.D. 0.23mm (F.O.V.20) 1 oil-immersion, spring-loaded Immersion Oil N 8CC
- POWER CORD TYPE BI (220/240V)

2) Camera

Sl No.	Features	Specifications
1.	Sensor Type	Sony CMOS
2.	Sensor Size	1/1.8"
3.	Sensor Model	IMX178LQJ-C
4.	Resolution	6 Mega Pixel 3072(H)x2048(V) Pixel
5.	Pixel Size	2.4x2.4(μm)
6.	Frame Rate at Full Resolution	41fps (3072x2048)
7.	Frame Rate at ROI Mode	60fps
8.	USB	USB 3.0

3) Software

Sony IMX178LQJ-C Sensor, Pixel Size 2.4μm, Frame rate of 41 fps at full resolution, 8.92mm Diagonal FOV with Image analysis Software for Preview and Capturing, Dynamic measuring, Image mosaic, Software count, Image enhancement, Video recording, Live Stitching and EDF, USB3.0 Port for transferring images onto PC

