



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

PR No. 1000023496 Rfx No. 6100001270

Detailed Technical Specifications for Image Analysis Tools / Trinocular Compound:

Airtight design	To prevent contamination from dust, oil, water etc.
Antifungal design	For microscope to be used in high heat and humid environment
Optical system	Greenough zoom type
Zoom ratio	7.5:1 or better
Zoom range	0.67X to 5X
Magnification	6.7X to 50X; with 1X objective and 10X eyepiece combination
Working distance	115 mm with 1X objective
Tube	Trinocular with built in 0.55x C – mount adapter
Eyepieces	10X/22 with eye shield and diopter adjustment facility
Objectives	Built in 1.0X and additional 0.5X
Illumination	LED light source with double arm fiber optic cable for episcopic illumination
Stand	Universal table stand having vertical cross travel 254mm and horizontal cross travel 260mm.
Camera	Digital Color Camera. Resolution: 6 MP, Chip Size: 1/1.8" Data Transfer: USB 3, Plug and play camera, USB cable and software should be supplied
Desktop	12th Generation Intel® Core™ i5-12400, Intel® UHD Graphics 730, 16 GB, 2 x 8 GB DDR4, 3200 MHz , 512 GB, M.2, PCIeNVMe, SSD + 1 TB SATA HDD , DELL Wireless Keyboard & Mouse, 22" Dell Monitor, Windows 11 Home Single Language, 3 years Quick heal total antivirus protection 3 Years BASIC ONSITE WARRANTY