



DIGITAL VIDEO MICROSCOPE

DVM - 03+

MAIN SPECIFICATIONS

VIEWING HEAD: Trinocular Head Inclined at 30°, 360°

Rotatable, Interpupillary Distance 54-75 mm, Diopter

Adjustable ± 5 On Left Tube

EYEPIECE: Wide Field Eyepiece WF10X/18mm

Objective : Plan Achromatic Objectives 4x, 10x, 40xs, 100xs(oil)

Nosepiece : Quadruple Nosepiece

Focussing System : Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control

CONDENSOR: Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder

STAGE: Double Layer Mechanical Stage 110x125mm, Moving Range 30x75mm

ILLUMINATION: 3W LED, Brightness Adjustable, Powered By Outlet 110-240V Adapter

ADAPTER: Eyepiece Tube Adapter

Inbuilt Battery Backup Facility

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H x 1944V

PIXEL SIZE: 2.75 μ m x 2.75 μ m

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate - 1024 x 600@30FPS

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9inch 1024*768 IPS LCD Video Capacity

RAM: 1GB DDR3 RAM

POWER: DC5V Power

SYSTEM CONNECTIVITY: PC Connect through software

OUTPUT: USB Output to PC and Mouse Support

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

