

SPECIFICATIONS :

Model No.	ADELTAVISION MODEL NO. AV51iB45 SF22
Standard Main Frame	One piece die casted aluminium mould design, white glossy finish antifungal PU paint
Optical System	Infinity Optical System Colour Corrected
Built - in white LED illumination	High intensity precentered 3 watt LED, variable light intensity control with on/off switch Easy LED change. LED technology provides cool white even illumination, energy-efficient light for up to 50,000 hours
Viewing Head (Anti-fungal) Light division : 50% : 50%	45° inclined sidentopf binocular viewing head, high transmission prisms (antifungal coated) 360° rotatable & secured, $\pm 5$ diopter adjustment on both eyepiece tubes or (left one is adjustable and right one is fixed). Inter-pupillary distance (I.P.D.) range 48-75 mm
Eyepiece lens (Anti-fungal)	High eye point CWF 10x/22mm supplied as standard - 2 Nos. Wide field type Antifungal and High transmission. Spectacles wearer observer & Normal Eye Sight person both can look through this easily or Diopter adjustable eyepieces
'AP' Plan Apochromat Objectives (Anti-fungal)	'AP' Adelta Optec ultra high resolution plan Din Size apochromat, Infinity colour corrected objectives fitted with multilayer coated imported lenses. DIN Standard AP 4X (0.10 N.A. $\infty/0.17$ ), AP 10X (0.25 N.A. $\infty/0.17$ ), AP 40 X (0.65 N.A. $\infty/0.17$ ) and AP 100 X oil immersion (1.25 N.A. $\infty/0.17$ ) spring loaded silicon sealed. All are parafoal, parcentered and color-coded.
Precision Nose-piece	Quadruple objective turret is ball-bearing mounted for smooth, precise positioning of objectives, smooth forward turn, parafoal & parcenter, internal click stop with multiple bearings. Knurling on metal rim for grip.
Focusing Mechanism	Co-axial coarse with fine focusing system, multiple gear driven on roller guides. Coarse/Fine focusing range 24 mm. Fine focusing knob is raduated in 2 $\mu$ m scale increments. Torque control (tension adjustment) & safety auto focus stop on coarse movement, allows user to lock & set upper limit of stage to prevent glass specimen slide from crashing into objective lens
Mechanical stage rectangular	Precision ball bearing type, traverse 76mm (X) and 50mm (Y), vernier reading 0.1 mm. Low positioned co-axial knobs, soft feel and fluid movement. Size 144mm (L) X 120 mm (W) painted with hard PU paint
Sub Stage Precentred Condenser	Precision Abbe condenser N.A. 1.25 Built into the stage plate, provides extra bright collimated & even illumination at all magnifications, High Contrast is achieved by a built-in circular precision Iris diaphragm i.e. accurately centered. Vertical adjustment of condenser 18 mm adjustable by rack & pinion movement by left hand placed knob
Power Supply	Plug-in external SMPS power supply input 100/240Vac, 50/60Hz; output: 5Vdc 500mA. Plugs into DC socket fitted into the microscope rear main frame with On/Off switch
Accessories	Protection Cover , Allen Key, AC-DC (5V), 500m.a. Adapter : 1 No., Instruction Manual : 1 No.
Packing	Length x Width x Height (440mm x 325mm x 275mm), Gross Weight : 5.8 kgs, Approx Microscope packed inside in Styrofoam Box - Net Weight 5 kgs
Optional (Not for Export)	Battery Backup 3.7V 1000 mAH Li-ion Battery backup 3 hours for led illumination on full capacity and battery backup 10 hours for led illumination on 35% capacity

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

TO ENSURE CORRECT USAGE, READ USER'S INSTRUCTION MANUAL CAREFULLY BEFORE USING YOUR EQUIPMENT.