

## Specifications

Model No.	ADELTAVISION MODEL NO. AV51iM30
Standard Main Frame	One piece die casted aluminium mould design, white semi gloss uniform textured finish antifungal PU paint
Optical System	Finity Optical system, 160 mm tube length
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)	30° inclined monocular viewing head, high transmission prism (antifungal coated) 360° rotatable & secured.
Eyepiece lens (Anti-fungal)	High eye point WF 10x/18mm, high eye point. Wide field type Antifungal and High Transmission F.O.V. 18 mm - 1 No.
'AV' Plan Achromat Objectives (Anti-fungal)	'AV' Adelta Optec high resolution plan Din size objectives fitted with multilayer coated imported lenses. DIN standard AV 4X (0.10 N.A), AV 10X (0.25 N.A), AV 40X (0.65 N.A) and AV 100X oil immersion (1.25 N.A.) spring loaded and silicon sealed All are parfocal, parcentered and colour - coded.
Precision Nose-piece	Quadruple objective turret is ball-bearing mounted for smooth, precise positioning of objectives, smooth forward turn, parfocal & 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 graduated in 2µm 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 35mm (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 4.8 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.