

AdeltaVision

Model AP42 DD

SPECIFICATIONS

Multi View Double Demonstration Teaching and Discussion Microscope

|   |   |  |   |
|---|---|--|---|
| Model No.                                       | AP42 DD   | Product Code : AP 136DDR<br>For Right Seating of Co-Observer                         | Product Code : AP 136DDL<br>For Left Seating of Co-Observer |
| Standard Main Frame                             | Wide body design, ensuring maximum stability, smaller foot print base, antifungal PU Paint, colour textured white.  |  |   |
| Optical System                                  | Infinity plan colour corrected optical system   |  |   |
| Main Trinocular Viewing Head Anti Mould - 1 No. | 30° inclined sidetopf trinocular viewing head 50:50 lights equal split between Binocular & Photo Tube with 0.5X camera adaptor. High transmission prisms (antifungal coated) 360° rotatable & secured, ±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.                                     |  |   |
| Connecting Bridge                               | Telescopic Bridge with Pillar mounting post - 1 No. (For left or Right Seating of Co-Observer)  |  |   |
| Binocular heads Anti mould- 1 No.               | 30° inclined sidetopf binocular viewing head, high transmission prisms (antifungal coated) 360° rotatable & secured, ±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.  |  |   |
| Antifungal Eye Piece                            | Adelta Optec Make High Eye Point Plan WF 10X/22mm - 4 Nos. with antifungal coated lens. Spectacles wearer observer & Normal Eye sight person both can look through this easily.   |  |   |
| Antifungal Objective                            | 'AP' Adelta Optec ultra high resolution Din Size plan achromat, Infinity colour corrected objectives fitted with multilayer coated lenses. DIN Standard AP 4X (0.10 N.A. ∞/0.17), AP 10X (0.25 N.A. ∞/0.17), AP 20X (0.40 N.A. ∞/0.17), AP 40 X (0.65 N.A. ∞/0.17) and AP 100 X oil immersion (1.25 N.A. ∞/0.17) spring loaded silicon sealed. All are parfocal, parcentered and color-coded. |  |   |
| Nosepiece Precision (Reverse angle)             | Quintuple five hole nosepiece perfectly centered & smooth movement ball bearing. Knurling on metal rim for grip.  |  |   |
| Stage Precision Ball Bearing                    | Double Plate Ball Bearing Mechanical Stage Rackless, belt driven & large size to hold two slides. Stage Size 220mm x 135mm Moving Range : 80mm x 50mm, Extra low positioned co-axial knobs.   |  |   |
| Focusing  | Coaxial Coarse & fine focusing Adjustment with stage lock, fine focusing scale value 0.002mm.   | Sub stage adjustable swing out Abbe condenser N.A. 1.25 with circular iris diaphragm |   |
| Light Source Built IN                           | 10 watt LED variable intensity built-in illumination Brightness adjustable. External Plug in power supply Adaptor : Input 230V, Output 12V, 2 amp - 1 No.   |  |   |
| Green LED Pointer                               | Green Led arrow pointer brightness adjustable for ease of demonstration. External Plug in power supply Adaptor : Input 230V, Output 5V, 1amp- 1 No.   |  |   |
| Colour Camera AP Cam 5                          | Driver free Multiple output HDMI AP CAM 5 MP camera with on chip software for image capture & Edit, SD Card 32 GB, HDMI Cable, Wireless Mouse, Software CD - 1 (for windows operating system) No., External Plug in power supply Adaptor : Input 230V, Output 5V, 1amp- 1 No.   |  |   |
| Optional  | 1. HD colour Monitor/LED Colour TV.<br>2. HDMI Multi output colour camera 8MP.  |  |   |
| Accessories                                     | Protection Cover, Allen Key, Instruction Manual : 1 No.   |  |   |
| Gross Weight                                    | 20 Kgs apporx. Styrofoam box, master thick main card board carton.  |  |   |

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.