



QUALITY SCIENTIFIC AND MECHANICAL WORKS



PH Series PH999

FEATURES:

Onsite upgradable.

Remote control Pad:

Objectives Could be switched by simply pressing the rotating buttons. Users could also self-define two of the most commonly used objectives. User could swap between these two objectives by pressing the green button.

stepwise motorization like motorized 6 positions or higher dic nosepiece, motorized 7 positions or more universal. condenser, motorized 6 positions or higher fluorescence turret, motorized stage, etc) and DIC.

Nosepiece Rotating Buttons:

This microscope has the function of automatically rotating nosepieces and adjusting the light intensity.

Motorized Swing Out Condenser

Automatically swing out and swing-in the top lenses element according to the objective lens that is selected via the intelligent linking

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03 24X7 SUPPORT

3YRS WARRENTY 04



#84 HSIIDC Industrial Area Ambala Cantt



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SPECIFICATIONS:

Pentahead Microscope: Ergonomic system microscope frame with built-in LED illumination (1,00,000 hrs) light transmission system. modular frame. right side stage handle, image capture button, fixed diffuser, field diaphragm

Optical System: High Contrast infinity optical System

Observation Head: Compensation free ergonomic variable adjustable trinocular head with variable viewing angle 30° rotatable through 360° with interpupillary distance of 50-76mm and Dioptric adjustment on both sides. Anti Fungus Treated. Beam splitting ratio binocular:trinocular 1000/2080/0100. Sub heads 30° inclined, binocular viewing heads, interpupillary distance- 54-75mm. 4 Nos

Nose-piece: Sextuple Nosepiece. reversed Six position revolving nosepiece to accommodate six objectives at a time with a slot for Analyser and DIC.

Eyepieces: Wide Field 10x eye-piece with 22mm F.O.V with eye guards

Mechanical Stage: Ultra-hard coated ceramic stage with and rectangular mechanical stage motion control on right hand side with capacity to hold two slide glasses at a time.

Pointer: LED illuminated arrow pointer (red and green) with Intensity controller.

All optics are anti-fungal and anti-reflection Coated.

Objectives: infinity plan fluorite (semi apochromatic), Plan synchronized light enabled objectives
Plan Semi Apochromatic 4x/N.A 0.10, (W.D. 13.70)
Plan Semi Apochromatic 10x/N.A 0.25; (W.D. 11.13)
Plan Semi Apochromatic 20x/N.A 0.4 (W.D. 1.20)
Plan Semi Apochromatic 40x/N.A 0.65 (W.D. 0.40) (Spring)
Plan Semi Apochromatic 100x/N.A 1.25 (W.D. 0.18) (Spring/Oil)
all objective are suitable for Bright field, Dark field and fluorescence observation

Condenser: Achromat aplanatic Condenser, N.A. 1.4, suitable for Bright field, DF and Phase achromatic aplanatic condenser Iris diaphragm with Frosted white filter, antifungal & antireflection coated. Suitable for low to high magnification .

Focusing Control: 3 step Focus function drive coarse, medium and fine focusing, focus torque adjustment and adjustable focus stop, with focus knobs coarse 0.2mm/rotation with tension control ring. Ergonomically designed for easy grip, esp. for tension control. torque and height adjustment of focusing Knobs.

Illumination: High luminescent White LED illuminator (Eco-illumination) having intensity of 14 Watts with life of 100,000 hours. Built in Fly Eye lens for uniform illumination. two illuminator of same specifications is provided in spare. 110V – 240V AC, 50/60 Hz.

Penta Head attachment: Multiple Viewing System for 4 stations, LED pointer with power supply, power cord, 2 support legs, and leg extension, (polarizer and analyser and DIC Slot 100x oil spare fuse, spare LED, Cleaning brush and manual and all the **additional attachments**

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