OPTIMA PENTEX- Five Headed Microscope



Trinocular Observation Head

- Siedentopf observation head inclined at 30° and rotatable at 360°.
- Vertical phototube for photomicrography.
- Diopter adjustment ring on ocular tube. (±5).
- Inter-pupillary distance from 48mm to 75mm.
- Binocular observation head inclined at 30°fixed on adjustable stand (Four set)

Eyepiece

- Extra wide field 10X (paired).
- F.O.V. 25mm and Ocular dia 30mm

Objectives (Infinite Corrected) Anti Mold & Anti fungus coated

- CCIS Plan Achromatic 2X
- CCIS Plan Achromatic 4X
- CCIS Plan Achromatic 10X
- CCIS Plan Achromatic 20X
- CCIS Plan Achromatic 40X (S.L.)
- CCIS Plan Achromatic 100X (S.L.) Oil

Mechanical Body and Pre-Focusing Lever

- Co-axial focusing control with large knob, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- Reverse angle sextuple nosepiece revolving on ball bearings and Slot for polarizer & DIC.
- Double plate reckless mechanical stage size 187mm x 167mm & having low positioned co-axial controls on ball bearing guide ways.
- Fine div 0.001mm, coarse stroke 37.7mm per rotation, Fine stroke 0.1mm/rotation. Moving range 24mm.

Sub Stage Condenser

- Swing out front lens, abbe condenser N.A. 0.9/1.25, filter holder and iris diaphragm.

Illumination System

- Kohler illumination system with 12V/100W Halogen Bulb /3W LED external illuminator. Iris diaphragm on collector lens. Aspherical collectors. Brightness control knob.

Standard Accessories

- 12V/100W Halogen Bulb /3W LED bulb, dust cover, guarantee card, blue filter, Operating manual and Styrofoam molded pack.

Color LED Pointer

- Dual Color LED Pointer with adjustable brightness.