

## PENTA Microscope



**Product Categories:** [Microscope](#), [Microscopes](#)

**Product Tags:** [biology lab equipment](#)

**Product Page:** <https://www.labappara.com/product/penta-microscope-science-lab/>

### Product Description

PENTA Microscope - Laboratory Equipment

PENTA Microscope Equipped with 5 Heads for 5 persons observing at the Same Time with the features of Infinite Optical System, Effective illumination, LED Pointer and images Coherence, it is widely used in Clinic, Research and Teaching Demonstration.

#### **TECHNICAL SPECIFICATION:**

**EYEPIECE:** Ultra wide fields and compensating WF 10 x paired eyepiece-5 pairs.

**FOCUSING:** Low and forward position Co-axial coarse and fine focusing mechanism supported on ball bearing with tension control ring and pre-focus stopper. Coarse focus 30 mm. Fine motion reading to 0.002 mm.

**MAGNIFICATION:** 40 X-1000 X Standard Optionally up to 2000 X

**CONDENSER:** Swing out condenser N.A. 0.9/0.25 to provide perfect illumination under all magnification to all the observers.

**PLAN OBJECTIVE:** Infinity Corrected Super Plan Objective 4x,10x,40x,100x(anti Fungus)

**LIGHT POINTER:** A Movable Built In Green Led Pointer(brightness Adjustable)is

Supplied As A Standard Accessory.

**OBSERVATION HEAD:** One number high Transmission and top of Trinocular head include Compensation free 360 rotatable. Four numbers compensations free Binocular Head inclined and 360 rotatable.

**OPTICAL SYSTEM:** Infinity corrected plan optical with Din Standard optics(True Color).

**NOSE-PIECE:**

Inward revolving quintuple nose-piece with ball bearing system for perfect alignment.

ILLUMINATION : koehlers illumination with 12 V/50 W super bright halogen lamp with variable control.

Standard Configurations

**Eyepiece:**

Ultra wide fields and compensating WF 10x paired eyepiece-5 pairs.

Plan Objective:

Infinity Corrected Super Plan Objective 4 x, 10 x, 40 x, 100 x(anti Fungus)

**Optional accessories**

5/8 Mega pixel Digital Camera for Microscope

Phase contrast kit.

Dark filled condenser

Digital Camera(10/12/15 Mega Pixel)

Image Analysis Software

2/3 Mega pixel Digital Camera for Microscope

Phase contrast kit.

Dark filled condenser

Digital Camera(10/12/15 Mega Pixel)

**Image Analysis Software**

Stage : SUPER HARD COATED Large Mechanical Stage 185 x 145 mm with low position co-axial X-Y motion controls. X-Y motion 75 mm x 55 mm.

Magnification: 40 X-100 X STANDARD optionally up to 2000 X.