

DESCRIPTION

ACUCAL Inverted microscope is equipped with wide field eyepieces, long working distance plan achromatic objectives and adjustable condenser. This microscope can observe transparent and unfinished living specimen in culture bottle or culture utensil. This is the ideal instrument suitable for research of living specimen structure, liquid, deposits and so on. This Microscope can be used in research institutes, universities, medical treatment, agriculture and animal husbandry, etc.



FEATURES

- Wide field eyepieces, long working distance plan achromatic objectives
- Equipped with phase contrast unit, include Plug-in Phase condenser, phase contrast objective and centering telescope
- Coaxial coarse/fine focus system with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m
- 6V 20W halogen lamp with brightness control.

TECHNICAL SPECIFICATION

- **Main Body** : Ergonomic Design, Non Hinged type, Aluminium alloy casting, Brightness Control integrated in the base

- **Optical System** : Plan Finite Optical System

Trinocular Observation Head

- Side n top Observation head 30° inclined, 360° rotatable, 100% Light Pass For Photography
- Inter-pupillary distance from 55mm to 75mm.

- **Eyepiece**: Wide field 10X (paired) F.O.V. 20mm

- **Nose Piece**: Quadruple (Ball bearing inner locating)

Objectives:

- Plan Achromatic Objective 10X (NA 0.25)
- Plan Achromatic Objective 25X (NA 0.40)
- Plan Achromatic Objective 40X(NA 0.60)
- Plan PHASE CONTRAST Achromatic Objective 10X (NA 0.25)

Working Stage	Double Layer Mechanical Stage 200*140mm, Moving Range 75*30mm
	Culture Dish Holder, For Dia.68mm
	Culture Dish Holder, For 77.5mm*34mm Culture Utensil (Optional)

Condenser

- Plug-in Phase Contrast Condenser
- Rack & pinion adjustable, NA=0.4,working distance: 30mm

Focusing Control : Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm

Sliding phase contrast unit : Centering telescope, 10X Sliding phase plate

Filters : Blue, Green, Frost Filter

Light Source : Kohler Illumination, 6V20W Halogen Lamp, Brightness Adjustable

Optional Accessories : High Resolution Microscopy Camera, Eyepieces, Objective