

DESCRIPTION

ACUCAL Inverted microscope is equipped with wide field Plan eyepieces, long working distance plan achromatic objectives and enable turning out or into condenser system phase contrast unit. **The Disassembly type mechanical stage enables to fill the requirements that observe in the different height culture dish.** This is the ideal optical instrument for micro observation in cell tissue and transmitted liquid tissue, even in the dynamic observation in the culture dish tissue. It can be used in scientific research institutes, universities, medical treatment, agriculture and epidemic prevention, etc.



FEATURES

- Wide field eyepieces, long working distance plan achromatic objectives
- Equipped with phase contrast unit, include long working distance Puller 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 30W halogen lamp with brightness control.

TECHNICAL SPECIFICATION

- **Main Body :** Ergonomic Design, Highly rigid, Non Hinged type, vibration free 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:** Compensating Wide field 10X (paired) F.O.V. 20mm, Centering Telescope

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

Objectives:

- Plan Achromatic Objective 10X (NA 0.25), WD 8.8mm
- Plan Achromatic Objective 25X (NA 0.40), WD 4.8mm
- Plan Achromatic Objective 40X(NA 0.60), WD 3.3mm
- Plan PHASE CONTRAST Achromatic Objective 10X (NA 0.25), WD 8.1mm

Working Stage	Double Layer Mechanical Stage 224*208mm, Moving Range 112*79mm
	Culture Dish Holder, For Dia.68.5mm Or 77.5*34mm Culture Utensil
	Culture Dish Holder, For Dia.87.5mm or 86*129.5mm Culture Utensil (Optional)
	Culture Dish Holder, For 129.5*86mm, 96 Holes Culture Utensil (Optional)

Condenser

- Puller Phase Contrast Long Working Distance Condenser
- Rack & pinion adjustable, NA=0.4, working distance: 50mm

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, 6V30W Halogen Lamp, Brightness Adjustable

Optional Accessories : High Resolution Microscopy Camera, Eyepieces, Objective