

INV3 series

Biological Inverted Microscopes



INV3 series Inverted biological microscope is equipped with UIS optical system with long working plan achromatic objectives and wide field plan eyepieces. It has a compact and steady main frame body, a condenser system for observing high culture dish and a phase contrast system to deliver always a nitid view of specimen under observation. This is a very good instrument for micro observations in live cell tissue, transmitted liquid tissue, with culture dish tissue. It can be used in scientific research, biological laboratories and universities.

INV3 series Specifications	
Standard outfit	
Optical system	UIS Universal Infinity System
Observation tube	45° tilted. Interpupillar distance adjustment 53-75mm, dioptic difference adjustment ± 5 mm Trinocular head
Eyepieces	Wide field WF10x / Field number: 22 ; Centering Bertrand Eyepiece
Revolving nosepiece	5 places inward tilt. Rotating and locking at every objective.
Objectives	Plan achromatic long distance: 10x/0.25; 20x/0.40; 40x/0.65 Plan phase contrast: 10x/0.25 PH2
Stage	227x208mm. Excursion XY: 77x114MM. Coaxial knobs on right side. Culture dish holders included.
Condenser	Long working distance condenser, working distance 55mm, with turret phase contrast unit. Equipped with diaphragm and filter seat. Height and centering are adjustable
Focus	Macrometric and micrometric coaxial knobs on both sides (0,002mm). Tension and upper limit excursion adjustment
Illuminator	Illuminator with field diaphragm. Halogen lamp 6V/30 Watt with adjustable intensity External power supply 100-220V

Microscope configurations:		
1) INV3	2) INV3-PH	3) INV3-PLUS
PLL 10x/0.25 PLL 20x/0.40 PLL 40x/0.65 PLL 10x/0.25 PH2	PLL 10x/0.25 PH2 PLL 20x/0.40 PH2 PLL 40x/0.65 PH2	PLL 10x/0.25 PLL 20x/0.40 PLL 40x/0.65 PLL 10x/0.25 PH2 PLL 20x/0.40 PH2 PLL 40x/0.65 PH2

Suggested Accessories:

	Eyepiece 10x/22 with divisions
EUREKAM PRO 3.0	High resolution camera, 3 MegaPixel, USB2.0, software included.
EUREKAM PRO 5.0	High resolution camera, 5 MegaPixel, USB2.0, software included.