

## IV950 Series Inverted Microscopes

UNICO IV950 Series Inverted Microscopes are designed for Tissue Culture, Cell Biology, Microbiology and more. Featuring Binocular or Trinocular heads and Long Working Distance (LWD) objectives in your choice of Plan Achromat or Plan Phase Contrast. The over-sized stage offers precise and smooth ball-bearing movement, for clear, steady viewing while scanning the field of view. Precise fine focus controls move in 0.002 mm scale value increments. Phase Contrast models include a Centering Telescope.

### LWD Plan Objectives Available:

Plan Achromat Brightfield: 4x, 10x, 20x and 40x

Plan Phase Contrast: 10x, 20x, and 40x

### Specifications:

- Inverted microscope, 4-hole nosepiece
- Binocular head inclined 45°, vertical Trinocular
- Interpupillary Distance range: 50 -75 mm
- Bright 12 Volt / 30 Watt Halogen Bulb
- Intensity Rheostat for lighting control
- Plan Achromat, or Plan Phase Objectives
- 10x Extra-Widefield eyepieces, paired
- Left eyetube with Diopter focus control
- Optional cross-hair Reticule, 0.1 mm scale
- Stage Size: 242 mm x 172 mm
- Graduated Mechanical Stage, low position controls
- Center Stage ring diameter is 110 mm
- Centering Telescope included with Phase models
- Filters: Blue, Green, Yellow and Frosted



*Innovative and ergonomic design makes extended viewing comfortable.*



*Trinocular head*



*Close-up of the inverted nosepiece and objectives.*

Item No.	Description
IV951	Inverted Binocular, Plan Brightfield, 4x, 10x, 20x, 40x
IV951T	Inverted Trinocular, Plan Brightfield, 4x, 10x, 20x, 40x
IV952	Inverted Binocular, Brightfield Plan, 4x, & 10x, Phase 20x and 40x
IV952T	Inverted Trinocular, Brightfield Plan, 4x, & 10x, Phase 20x and 40x
IV953	Inverted Binocular, Brightfield Plan, 4x, Phase 10x, 20x and 40x
IV953T	Inverted Trinocular, Brightfield Plan, 4x, & Phase 10x, 20x and 40x
IV950-7007	12 Volt / 30 Watt Halogen Bulb, 2 pin
IV950-8020	C-Mount Camera Adapter for Trinocular models
IV950-1501	10x Widefield Eyepiece, FN 20, single
IV950-1502	10x Widefield Eyepiece, FN 23, single
IV950-8901	Cross-Hair Reticule with 0.1 mm scale

	IV951	IV951T	IV952	IV952T	IV953	IV953T
<b>Head</b>	Binocular	Trinocular	Binocular	Trinocular	Binocular	Trinocular
<b>Eyepiece</b>	10X WF(2)	10X WF(2)	10X WF(2) and centering eyepiece	10X WF(2) and centering eyepiece	10X WF(2) and centering eyepiece	10X WF(2) and centering eyepiece
<b>Brightfield Objectives</b>	4,10,20,40X Plan	4,10,20,40X Plan	4,10X Plan	4,10X Plan	4X Plan	4X Plan
<b>Phase Objectives</b>	None	None	20,40X Plan Phase	20,40X Plan Phase	10,20,40X Plan Phase	10,20,40X Plan Phase
<b>Condenser</b>	NA 0.65	NA 0.65	NA 0.65	NA 0.65	NA 0.65	NA 0.65
<b>Diaphragm</b>	Iris	Iris	Iris	Iris	Iris	Iris
<b>Stage</b>	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
<b>Illumination</b>	Halogen	Halogen	Halogen	Halogen	Halogen	Halogen
<b>Bulb</b>	12 Volt/30 Watt	12 Volt/30 Watt	12 Volt/30 Watt	12 Volt/30 Watt	12 Volt/30 Watt	12 Volt/30 Watt
<b>Focusing</b>	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial