

# Entry-Level Upright Microscope

Entry-level upright microscope provides exceptional price/quality ratio, and is perfectly suited for educational purposes or basic lab use

## Unique Features:

### VIEWING HEAD

- Monocular and binocular head with 30° incline and 360° rotation

### CONDENSER

- Fixed Abbe condenser with filter holder
- NA 1.25 with iris

### OPTICAL SYSTEM

- Finite Optical System
- Inward facing 4 position turret nosepiece with click stops
- 4X/10X/40X/100X (oil) achro objectives
- 10X WF with 18mm FOV eyepieces



### ILLUMINATION

- Eco-friendly and energy-efficient 3W LED illumination
- Dimmer control for light intensity

### STAGE

- Double layer X-Y mechanical stage
- Plain stage with slide clips 110mm x 125mm
- Movement range : 35mm x 50mm

### STAND

- Rugged, durable metal frame construction
- Lightweight design makes it easy to relocate
- Convenient rubberised carrying handle
- Cord wrap power adapter storage
- Rocker on/off switch located on top of the base
- Light intensity controls

### FOCUSING

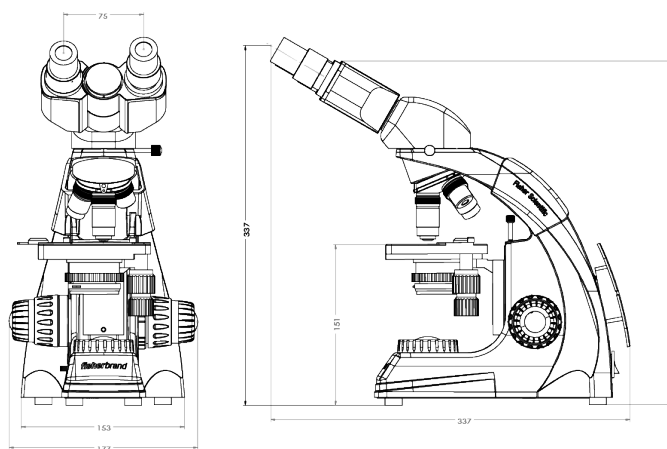
- Coaxial coarse/fine focus adjustment
- Tension adjustments
- Fine focus drive movement of 0.002mm division
- Rack stop adjustment for protecting objective and specimen slides from accidental breakage

## Specifications

Hardware	Descriptions
Optical System	Finite Optical System
Viewing Head	Monocular Head, Inclined at 30°, 360° Rotatable, Diopter and Interpupillary Adjustment (03-000-000, 03-000-002, 03-000-004)
	Binocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment (03-000-001, 03-000-003, 03-000-005, 03-000-006)
Eyepiece	WF 10X / 18mm FOV
Objectives	Achromat 4X, 10X, 40Xs, 100XS oil (03-000-000, 03-000-001)
	HC Semi-Plan 4X, 10X, 40XS, 100XS oil (03-000-002, 03-000-003)
	Plan Phase 4X, 10X, 40XS, 100XS oil (03-000-006)
	Plan Achromat 4X, 10X, 40XS, 100XS oil (03-000-004, 03-000-005)
Nosepiece	4 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-000, 03-000-002, 03-000-003, 03-000-004, 03-000-005)
	Phase contrast condenser (03-000-006)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 36mm, Fine Focus 0.0002mm
Stage	Double Layer Mechanical Stage 110 x 125mm, Moving Range 30 x 75mm
Dimensions	W 17.7 x D 22.7 x H 33.7cm

## Ordering Information

Product	Cat. No.
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil achromat objectives	03-000-000
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil achromat objectives	03-000-001
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	03-000-002
Infinity Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	03-000-003
Infinity Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Planachromat objectives	03-000-004
Infinity Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Planachromat objectives	03-000-005
Infinity Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Phase objectives	03-000-006



Measurements are in mm, overall dimension may change slightly depending on model

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