

Advanced Research Grade Upright Microscope

Advanced optical system combined with high-powered LED illumination creates a flat field of view with bright, vibrant color making this series perfect for publication quality photos

Unique Features:

VIEWING HEAD

- Binocular or Trinocular head with 45° incline and 360° rotation

CONDENSER

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

OPTICAL SYSTEM

- Infinity Optical System
- Inward facing 5 position turret nosepiece with click stops
- Brightfield or Brightfield/Phase contrast configurations
- 4X/10X/20X/40X/100X (oil) Plan/Plan PH objectives
- 10X WF with 20mm 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 142mm x 132mm
- Movement range : 75mm x 50mm

STAND

- Rugged, durable metal frame construction
- Convenient carrying handle
- Cord wrap power adapter storage
- Rocker on/off switch located on top of the base

FOCUSING

- Coaxial coarse/fine focus adjustment
- Tension adjustments
- Fine focus drive movement of 0.001mm divisions
- Rack stop adjustment for protecting objective and specimen slides from accidental breakage



Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Trinocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF 10X / 20mm FOV
Objectives	High Contrast Plan 4X, 10X, 40XS, 100XS oil (03-000-012, 03-000-108)
	High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil (03-000-104)
	High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03-000-106)
Nosepiece	5 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-012, 03-000-104, 03-000-108)
	Phase contrast condenser (03-000-106)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Polarization	Cross Polarization Kit (03-000-108)
Dimensions	W 23.4 x D 35 x H 38.9cm

Ordering Information

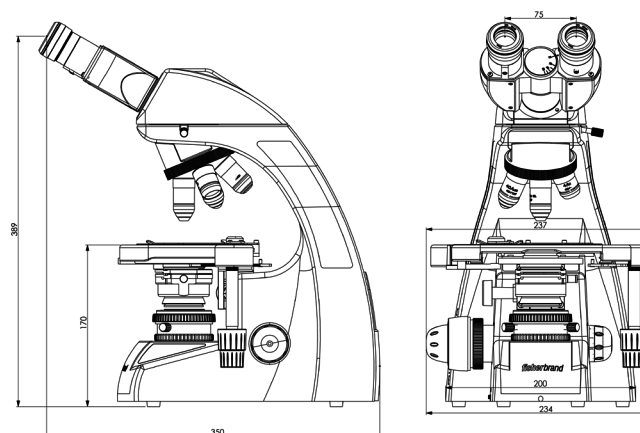
Product	Cat. No.
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives	03-000-012
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil objectives	03-000-104
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH objectives	03-000-106
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives, Cross polarization	03-000-108

Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Binocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF 10X / 20mm FOV
Objective	High Contrast Plan 4X, 10X, 40XS, 100XS oil (03-000-011, 03-000-107)
	High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil (03-000-103)
	High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03-000-105)
Nosepiece	5 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-011, 03-000-103, 03-000-105, 03-000-107)
	Phase contrast condenser (03-000-105)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Polarization	Cross Polarization Kit (03-000-107)
Dimensions	W 23.4 x D 35 x H 38.9cm

Ordering Information

Product	Cat. No.
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives	03-000-011
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil objectives	03-000-103
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH objectives	03-000-105
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives, Cross polarization	03-000-107



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

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