

Research Grade Upright Microscope

Research grade optics, sturdy stand, and exceptional optical quality for any higher level educational, clinical, or research lab

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

OPTICAL SYSTEM

- Infinity Optical System
- Inward facing 4 or 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
- Lightweight design makes it easy to relocate
- Convenient 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 0.001mm division
- 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	Plan 4X, 10X, 40XS, 100XS oil (03-000-024, 03-000-025, 03-000-026, 03-000-029, 03-000-030, 03-000-032, 03-000-033)
	Plan 10X & 20x PH, 40XS, 100XS oil BF (03-000-027)
Nosepiece	Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03-000-031, 03-000-034)
	4 Position Nosepiece (03-000-024, 03-000-025, 03-000-027, 03-000-02, 03-000-030, 03-000-031, 03-000-034)
Condenser	5 Position Nosepiece (03-000-026, 03-000-032, 03-000-033)
	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-024, 03-000-025, 03-000-026, 03-000-029, 03-000-030, 03-000-032, 03-000-033)
Focusing System	Phase contrast condenser (03000027, 03000031, 03000034)
	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Camera	3MP Color Camera (03000024, 03000026, 03000027)
	5MP Color Camera (03-000-029)
	10MP Color Camera (03-000-030, 03-000-033, 03-000-034)
	1080P HDMI Color Camera (03-000-025, 03-000-031, 03-000-032)
C-Mount Adapter	0.5 x C-mount
Dimensions	W 23.4 x D 35 x H 38.9cm

Ordering Information

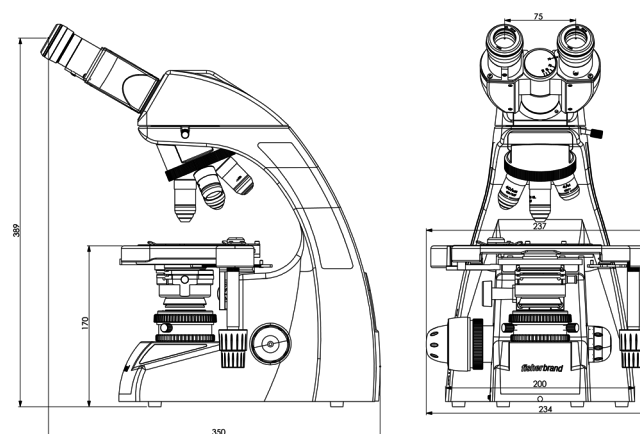
Product	Cat. No.
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 3MP color camera	03-000-024
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 1080P HDMI color camera	03-000-025
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 3MP color camera	03-000-026
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives, 3MP color camera	03-000-027
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 5MP color camera	03-000-029
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 10MP color camera	03-000-030
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X, 20X, 40XS, 100XS oil PH Plan achromat objectives, 1080P HDMI color camera	03-000-031
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 1080P HDMI color camera	03-000-032
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 10MP color camera	03-000-033
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X, 20X, 40XS, 100XS oil PH Plan achromat objectives, 10MP color camera	03-000-034

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	Plan 4X, 10X, 40XS, 100XS oil (03-000-007, 03-000-008)
	Plan 10X & 20x PH, 40XS, 100XS oil BF (03-000-009, 03-000-010)
Nosepiece	5 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-009, 03-000-010)
	Phase contrast condenser (03-000-007, 03-000-008)
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
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, 4X, 10X, 40XS, 100XS oil Plan achromat objectives	03-000-007
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives	03-000-009
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives	03-000-008
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives	03-000-010



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

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