

Middle/Elementary School Series Upright Microscope

Entry level upright microscope provides exceptional price/quality ratio, and perfect for educational purposes or basic lab use

Unique Features:

VIEWING HEAD

- Monocular, binocular, & trinocular head options 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
- Phase contrast option available on some models

ILLUMINATION

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

STAGE

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

FRAME

- Rugged durable metal frame construction
- Light weight design makes it easy for students to move it around
- Convenient rubberised carrying handle
- Cord wrap power adapter storage
- Rocker on/off switch located on top of base
- Light intensity controls

FOCUSING

- Coaxial coarse and 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	Trinocular Head, Camera port, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment (S72548, S72549, S72550, S72551, S72562, S72563, S72564)
	Trinocular Head, Camera port, 5MP Color Camera, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment (S72607)
Eyepiece	WF10X/18mm (S72548, S72549, S72550, S72551) WF10X/18mm w/ pointer (S72531, S72607, S72561, S72562, S72563, S72564)
Objective	Achromat 4X, 10X, 40Xs, 100XS oil (S72531) Semi-Plan 4X, 10X, 40XS, 100XS oil (S72548, S72561, S72607) HC Semi-Plan 4X, 10X, 40XS, 100XS oil (S72549, S72562) Plan Phase 4X, 10X, 40XS, 100XS oil (S72551, S72564) Plan Achromat 4X, 10X, 40XS, 100XS oil (S72550, S72563)
Nosepiece	4 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (S72548, S72549, S72550, S72562, S72563, S725607) Phase Contrast Condenser (S72551, S72564)
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
Dimension	W17.7 x D22.7 x H33.7 cm

Ordering Information

Product	Cat. No.
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achromat objectives	S72531
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72548
Finite Optical System, Inclined 30° Trinocular w/camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	S72549
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Plan Achromat objectives	S72550
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Phase objectives	S72551
Finite Optical System, Inclined 30° Trinocular w/Camera Port, 5MP Color Camera, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72607
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72561
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	S72562
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Achromat objectives	S72563
Finite Optical System, Inclined 30° Trinocular w/Camera Port, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Phase objectives	S72564

Specifications

Hardware	Descriptions
Optical System	Finite Optical System
Viewing Head	Binocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/18mm (S72530, S72544, S72545, S72546, S72547)
	WF10X/18mm w/ pointer (S72588, S72614)
Objective	Achromat 4X, 10X, 40Xs, 100XS oil (S725614, S72530)
	Semi-Plan 4X, 10X, 40XS, 100XS oil (S72544, S72588)
	HC Semi-Plan 4X, 10X, 40XS, 100XS oil (S72545)
	Plan Phase 4X, 10X, 40XS, 100XS oil (S72547)
Nosepiece	Plan Achromat 4X, 10X, 40XS, 100XS oil (S72546)
	4 Position Nosepiece
Condenser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (S72544, S72545, S72546, S72588, S72614, S72530)
	Phase Contrast Condenser (S72547)
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
Dimension	W17.7 x D22.7 x H33.7 cm

Ordering Information

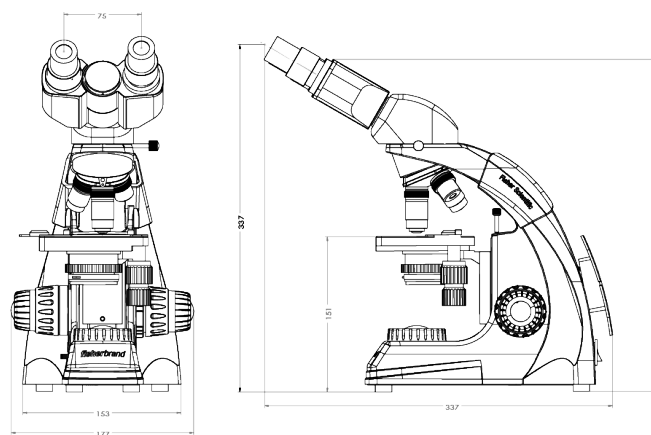
Product	Cat. No.
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achromat objectives	S72530
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72544
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	S72545
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	S72546
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Phase objectives	S72547
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72588
Finite Optical System, Inclined 30° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achromat objectives	S72614

Specifications

Hardware	Descriptions
Optical System	Finite Optical System
Viewing Head	Monocular Head, Inclined at 30°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/18mm (S72541, S72542, S72543, S72529)
	WF10X/18mm w/ pointer (S72552, S72553, S72613)
Objective	Achromat 4X, 10X, 40Xs, (S72552)
	Achromat 4X, 10X, 40Xs, 100XS oil (S72553, S72613, S72529)
	Semi-Plan 4X, 10X, 40XS, 100XS oil (S72541)
	HC Semi-Plan 4X, 10X, 40XS, 100XS oil (S72542)
Nosepiece	Plan Achromat 4X, 10X, 40XS, 100XS oil (S72543)
	4 Position Nosepiece
	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder
Condenser	
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
Dimension	W17.7 x D22.7 x H33.7 cm

Ordering Information:

Product	Cat. No.
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Semi-Plan objectives	S72541
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan Achromat objectives	S72542
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Achromat objectives	S72543
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS Achromatic objectives	S72552
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achromatic objectives	S72553
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achromatic objectives	S72613
Finite Optical System, Inclined 30° Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Achomatic objectives	S72529



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

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