

Product

Description

AX.1152-PLPHi

Achios-X Observer binocular microscope with EWF 10x/22 mm eyepieces, quintuple nosepiece with plan phase PLPHi 10/20/S40/S100x oil IOS objectives, rackless stage and 3 W NeoLED™ Köhler illumination. With Smart Light Control

EWF 10x/22 mm eyepieces

Binocular version with Siedentopf 30° inclined tubes. Interpupillary distance 47-78 mm with diopter adjustment on both eyepieces

Revolving quintuple reversed nosepiece on ball bearings

Plan phase PLPHi 10x/0.25, 20x/40, S40x/0.65, S100x/1.25 oil immersion 60 mm parfocal IOS objectives

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

238 x 150 mm rackless stage equipped with integrated 79 x 55 mm mechanical stage

Height adjustable Abbe condenser

Coaxial coarse and fine adjustments with 200 graduations. Precision 1 µm, 0.2 mm per rotation. Total travel approximately 30 mm Rack-stop for protection of slides and objectives. Friction adjustment

Diascopic intensity adjustable 3 W NeoLED™ Köhler illumination with external 100-240 Vac / 5 Vdc 2A power supply (CE)

SLC: smart light control (SLC) memorizes light intensity for each objective. Setting of color temperature of NeoLED (3200-7000 K). Displays magnification and intensity settings on built-in LCD screen. With lock and sleep timer for energy savings

CSS - Cable and Power Supply Storage System

Supplied with power cord, 500 mA 250 V spare fuse, 5 ml immersion oil and dust cover in styrofoam case

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Add-on options and accessories for Achios-X Observer

AX.5700-ADD	Ergonomical Siedentopf trinocular head with tilting tubes ADD-ON option for Achios-X observer. Only with the purchase of new microscopes
	<i>Add the AX.5700-ADD price to a Achios-X Observer model in order to have the prices of a configuration with ergo titling head and order the microscope as AX.1158-xxxx / AX.3158-xxxx</i>

Nosepiece option

AX.9896-ADD	Nosepiece with 6 objectives ADD-ON option for Achios-X Observer. Only available with the purchase of a new microscope
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Multi head systems for Achios-X Observer

AX.5600-ADD	Face to Face attachment, 2 heads ADD-ON option for Achios-X Observer. Only available with the purchase of a new standard microscope
AX.5600	Face to Face attachment, 2 heads for Achios-X Observer
AX.5602-ADD	Multi head 2 heads ADD-ON option for Achios-X Observer. Only available with the purchase of a new standard microscope
AX.5602	Multi head 2 heads attachment for Achios-X Observer
AX.5603-ADD	Multi head 3 heads ADD-ON option for Achios-X Observer. Only available with the purchase of a new standard microscope
AX.5603	Multi head 3 heads attachment for Achios-X Observer
AX.5605-ADD	Multi head 5 heads ADD-ON option for Achios-X Observer. Only available with the purchase of a new standard microscope
AX.5605	Multi head 5 heads attachment for Achios-X Observer

Eyepieces (Ø 30 mm tube)

AX.6010	EWF 10x/22 mm eyepiece for Achios-X observer. With dioptrie adjustment
AX.6410	EWF 10x/25 mm eyepiece for Achios-X observer. With dioptrie adjustment

Objectives Plan EIS 60 mm. 25 mm mounting thread

AX.7204	Infinity EIS 60 mm Plan PLi 4x/0.10 objective, M25 thread. Working distance 30 mm
AX.7210	Infinity EIS 60 mm Plan PLi 10x/0.25 objective, M25 thread. Working distance 10.2 mm
AX.7220	Infinity EIS 60 mm Plan PLi 20x/0.40 objective, M25 thread. Working distance 10.2 mm
AX.7240	Infinity EIS 60 mm Plan PLi S40x/0.65 objective, M25 thread. Working distance 1.5 mm
AX.7250	Infinity EIS 60 mm Plan PLi S50x/0.95 oil objective. M25 thread. Working distance 0.3 mm
AX.7260	Infinity EIS 60 mm Plan PLi S60x/0.80 objective, M25 thread. Working distance 1.5 mm
AX.7200	Infinity EIS 60 mm Plan PLi S100x/1.25 oil-immersion objective, M25 thread. Working distance 0.3 mm

Objectives Plan Semi-Plan Fluarex EIS 60 mm. 25 mm mounting thread

AX.7304	Infinity EIS 60 mm Plan Semi-Apochromatic PLi-Apo Fluarex 4x/0.15 objective, M25 thread.
AX.7310	Infinity EIS 60 mm Plan Semi-Apochromatic PLi-Apo Fluarex 10x/0.3 objective, M25 thread.
AX.7320	Infinity EIS 60 mm Plan Semi-Apochromatic PLi-Apo Fluarex 20x/0.5 objective, M25 thread.

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AX.7340	Infinity EIS 60 mm Plan Semi-Apochromatic PLi-Apo Fluarex S40x/0.75 objective, M25 thread. Working distance 1.35	
AX.7300	Infinity EIS 60 mm Plan Semi-Apochromatic PLi-Apo Fluarex S100x/1.25 oil-immersion objective, M25 thread. Working distance 0.18 mm	
Objectives Plan Phase contrast EIS 60 mm. 25 mm mounting thread		
AX.7710	Infinity EIS 60 mm Plan Phase contrast PLPHi 10x/0,25 objective, M25 thread. Working distance 10,2 mm	
AX.7720	Infinity EIS 60 mm Plan Phase contrast PLPHi 20x/0,40 objective, M25 thread. Working distance 13,36 mm	
AX.7740	Infinity EIS 60 mm Plan Phase contrast PLPHi 40x/0,65 objective, M25 thread. Working distance 0,7 mm	
AX.7700	Infinity EIS 60 mm Plan Phase contrast PLPHi 100x/1.25 oil immersion objective, M25 thread. Working distance 0,22 mm	
Condensers		
AX.9100	Standard Abbe Condenser	
AX.9105-ADD	AX.9105 Swing-out Abbe Condenser Add-on option. Only with new microscopes	
AX.9105	AX.9105 Swing-out Abbe Condenser	
AX.9110	AX.9110 Dark field condenser (Dry)	
AX.9112	AX.9112 Dark field condenser (Oil)	
AX.9126	Zernike phase contrast set. Includes Zernike phase condenser and PLPHi 10/20/S40/S100-oil immersion objectives, telescope and green filter	
Miscellaneous		
AX.9702	Green filter	
AX.9148	Telescope	
AX.9660	Simple polarization kit	
AX.9810	C-mount adapter 1x	
AX.9850	C-mount adapter 0,5x	