



EXI-310 Inverted Microscope Series

CATALOG #	DESCRIPTION
EXI-310-PH	<p>EXI-310 Trinocular with Plan Phase Objectives</p> <p>Trinocular viewing head, inclined 45°, light distribution binocular 100% or binocular/trinocular tube 80%/20%</p> <p>WF10x/22mm eyepieces with roll down eyeguards</p> <p>Side facing quintuple nosepiece</p> <p>Infinity Corrected Plan Achromat 4x, Plan Phase 10x & 20x objectives</p> <p>Fixed plain stage, 160 x 250mm with metal & glass insert plates</p> <p>ELWD condenser, N.A. 0.3, Working Distance = 72mm</p> <p>Phase slider with 4x/10x, 20x/40x phase annuli</p> <p>Phase centering telescope</p> <p>Variable 5 watt LED illuminator</p> <p>ø 45mm LBD filter, 550nm green interference filter and ground glass filter</p> <p>Dust cover, power cord, Universal power supply 100 - 240v</p>
EXI-310-PL	<p>EXI-310 Trinocular Microscope with Plan Achromat Objectives</p> <p>Trinocular viewing head, inclined 45°, light distribution binocular 100% or binocular/trinocular tube 80%/20%</p> <p>WF10x/22mm eyepieces with roll down eyeguards</p> <p>Side facing quintuple nosepiece</p> <p>Infinity Corrected Plan Achromat 4x, 10x & 20x objectives</p> <p>Fixed plain stage, 160 x 250mm with metal & glass insert plates</p> <p>ELWD condenser, N.A. 0.3, Working Distance = 72mm</p> <p>Variable 5 watt LED illuminator</p> <p>ø 45mm LBD filter, 550nm green interference filter and ground glass filter</p> <p>Dust cover, power cord, Universal power supply 100 - 240v</p>
EXI-310-FL	<p>EXI-310 Trinocular with Epi-Fluorescence Attachment (no illuminator)</p> <p>Trinocular viewing head, inclined 45°, light distribution binocular 100% or trinocular tube 100%</p> <p>WF10x/22mm eyepieces with roll down eyeguards</p> <p>Side facing quintuple nosepiece</p> <p>Objectives not included - must be ordered separately</p> <p>Fixed plain stage, 160 x 250mm with metal & glass insert plates</p> <p>ELWD condenser, N.A. 0.3, Working Distance = 72mm</p> <p>Variable 5 watt LED illuminator</p> <p>ø 45mm LBD filter, 550nm green interference filter and ground glass filter</p> <p>Dust cover, power cord, Universal power supply 100 - 240v</p> <p>Fluorescence attachment with field iris, filter slider, with 3 position filter slider 2 filter positions, 1 BF position, UV protection plate</p> <p>Objectives, filter sets and fluorescence illuminator must be ordered separately</p>
EXI-310-FL3	<p>EXI-310 Trinocular with Epi-Fluorescence Attachment (no illuminator)</p> <p>Same as EXI-310-FL except with 4 position filter slider, 3 filter positions, 1 BF position. Objectives, filter sets and fluorescence illuminator must be ordered separately</p>



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CATALOG #	DESCRIPTION
EXI-310-M	<p>EXI-310 Modular System</p> <p>Trinocular viewing head, inclined 45°, light distribution binocular 100% or binocular/trinocular tube 80%/20%</p> <p>Side facing quintuple nosepiece</p> <p>Fixed plain stage, 160 x 250mm with metal & glass insert plates</p> <p>ELWD condenser, N.A. 0.3, Working Distance = 72mm</p> <p>Variable 5 watt LED illuminator</p> <p>ø 45mm LBD filter, 550nm green interference filter and ground glass filter</p> <p>Dust cover, power cord, Universal power supply 100 - 240v</p>

Camera and Video Adapters

00-2010-35	0.35x c-mount adapter for 1/3" chip sensors, adjustable focus
00-2010-50	0.50x c-mount adapter for 1/2" chip sensors, adjustable focus
00-2010-65	0.65x c-mount adapter for 2/3" chip sensors, adjustable focus
00-2010-1	1.0x c-mount adapter, adjustable focus
00-2010-P	Photo tube, 23.2mm I.D.

Eyepieces & Eyeguards

131-10-11	WF 10x/22mm focusable eyepiece with diopter adjustment and roll down eyeguard
132-10-11	WF 10x/20mm focusable eyepiece with diopter adjustment and roll down eyeguard
131-10-15	WF15x eyepiece with built-in diopter adjustment, 16mm field of view. Eyepiece accepts a 20mm reticle.
131-10-20	WF20x eyepiece with built-in diopter adjustment, 12.5mm field of view. Eyepiece does not accept a reticle.
131-10-01	Roll down eyeguards (pair)

Reticles & Stage Micrometers

131-12-01	26.5mm eyepiece reticle, 10mm/100 division with crossline
131-12-10	20mm eyepiece reticle, 10mm/100 division with crossline

Infinity Long Working Distance Plan Phase Objectives

310-3173-PH	4x LWD infinity plan phase objective, N.A. 0.1, W.D. 22mm
310-3174-PH	10x LWD infinity plan phase objective, N.A. 0.25, W.D. 7.94mm
310-3177-PH	20x LWD infinity plan phase objective, N.A. 0.40, W.D. 7.66mm
310-3175-PH	40x LWD infinity plan phase objective, N.A. 0.60, W.D. 3.71mm

Infinity Long Working Distance Plan Fluor Phase Objectives

310-3177-FLPH	20x LWD Infinity Plan Fluor Phase Objective, N.A. 0.45, W.D. 5.91mm
310-3175-FLPH	40x LWD Infinity Plan Fluor Phase Objective, N.A. 0.65, W.D. 1.61mm



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Infinity Long Working Distance Plan Fluor Objectives

310-3173-FL	4x LWD infinity plan fluor objective, N.A. 0.13, W.D. 18.52mm
310-3174-FL	10x LWD infinity plan fluor objective, N.A. 0.30, W.D. 7.11mm
310-3177-FL	20x LWD infinity plan fluor objective, N.A. 0.45, W.D. 5.91mm
310-3175-FL	40x LWD infinity plan fluor objective, N.A. 0.65, W.D. 1.61mm
310-3178-FL	60x LWD infinity plan fluor objective, N.A. 0.75, W.D. 1.04mm

Infinity Long Working Distance Plan Objectives

310-3172-PL	2x LWD infinity plan achromat, N.A. 0.06, W.D. 5.1mm
310-3173-PL	4x LWD infinity plan objective, N.A. 0.10, W.D. 22mm
310-3174-PL	10x LWD infinity plan objective, N.A. 0.25, W.D. 7.94mm
310-3177-PL	20x LWD infinity plan objective, N.A. 0.40, W.D. 7.66mm
310-3175-PL	40x LWD infinity plan objective, N.A. 0.60, W.D. 3.71mm
310-3178-PL	60x LWD infinity plan objective, N.A. 0.70, W.D. 2.50mm

Condensers

310-3221	ELWD N.A. 0.30, Working Distance -72mm condenser
310-3222	LWD N.A. 0.50, Working Distance - 28mm
310-PHS3	Pre-centered phase slider with 10x, 20x & 40x annuli, brightfield & filter slot

Stage Accessories

310-3213	Attachable mechanical stage, right hand coaxial control, movement range 120 x 78mm with (1) auxiliary stage plate
310-AS	Auxiliary stage (each)
310-GIP	Glass insert plate (standard equipment on all complete microscopes)
310-MP	Metal plate insert (standard equipment on all complete microscopes)
310-TH	Teraski holder (also for ø65mm petri dish holder)
310-35PD	Ø35mm petri dish holder
310-54SGH	Ø54mm petri dish holder and glass slide holder

Optional Accessories

350-3240-LBD	45mm LBD blue filter
350-3240-G	45mm Green filter - IF550nm
310-3241	45mm SIF800 infrared elimination filter
310-3240-ND25	Neutral density filter, ND25
310-3240-ND50	Neutral density filter, ND50
25-3226	Phase centering telescope -30mm O.D.
310-3365	5 watt LED lamp replacement with illuminator housing
310-3301	Dust cover
00-3365	3.15 amp, 250v fuse



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Filter Cube Holders

310-3232-2	2 position filter cube holder, 2 filter slots with 2 blank cubes, 1 brightfield position
310-3232-3	3 position filter cube holder, 3 filter slots with 3 blank cubes, 1 brightfield position
310-FC-BL	Blank filter cube

ScopeLED Fluorescence Illuminators

SLAF-OL1	Adapter/Mount for ScopeLED
SLF110-LX	ScopeLED F110 package - choice of one fixed wavelength, control pod and power source
SLF120-PX	ScopeLED F120 package - choice of two fixed wavelengths, control pod and power source
SLF130-LX	ScopeLED F130 package - choice of three fixed wavelengths, control pod and power source
SLF140-GX	ScopeLED F140 package - choice of four fixed wavelengths, control pod and power source

ScopeLED® Wavelength Options

390±5, 440±5, 470±10, 525, 540±5, 560P(±10), 595±5, 640±5, 660±5, 740±5

Metal Halide Fluorescence Illuminator

310-LM-75	75 watt metal halide illumination system
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Mercury Fluorescence Illuminators

310-MLH	100w HBO lamphouse, collector lens, mirror, centrable with focus adjustment
310-3233	100w mercury power supply
3254-U	Ushio HBO 100 W/2 mercury lamp
310-3170	Centering objective for mercury lamp

Fluorescence Filter Sets

350-39000	DAPI , Exciter: AT350/50x, Dichroic: AT410DC, Emitter: AT460/50m
350-39002	GFP, FITC , Exciter: AT480/30x, Dichroic: AT505DC, Emitter: AT535/40m
350-39004	TRITC , Exciter: AT540/25x, Dichroic: AT565DC, Emitter: AT605/55m
350-39006	Texas Red , Exciter: AT575/30x, Dichroic: AT600DC, Emitter: AT640/60m
350-39007	Cy5 , Exciter: AT620/50x, Dichroic: AT655DC, Emitter: AT690/50m
350-39009	Acridine Orange, Di-8-ANEPPS , Exciter: AT480/30x, Dichroic: AT505DC, Emitter: AT620/60m

Additional filter sets are available via special order, call for availability