

BIOLOGICAL MICROSCOPE ► SOLARIS



SOLARIS-T

SOLARIS series Microscopes combine experience and design in one solution Microscope.

These microscopes mount Plan-achromatic objectives, Koehler illuminator, Extra Widefield eyepieces, quintuple inward tilt nosepiece, a high intensity warm white LED to get very reliable colors or 30W halogen lamp for maximum intensity.

SOLARIS has infinity optical system for best optical performance. All these features make these Microscopes suitable for research, laboratory use and medical field operations.

Included: protection cover, oil bottle, user manual

SPECIFICATIONS		SOLARIS series	
Optical system	Infinity corrected optics system		
Illumination	Built-in transmitted Koehler illumination with field diaphragm 6V 30W Halogen bulb or High intensity LED (Warm white) Adjustable Intensity		
Eyepieces	Extra Wide field WF10x/22mm		
Objectives	PLAN ACHROMATIC 4x/0.1; 10x/0.25; 40x/0.65; 100x/1.25 (oil immersion)		
Focusing	Macrometric and micrometric coaxial knobs on both sides (0,002mm). Upper limit excursion adjustment. Torque adjustment on coarse focus knob		
Revolving nosepiece	Reversed quintuple nosepiece, rotating and locking at every objective.		
Observation tube	Type	Binocular	Trinocular
	Tube inclination	30° tilted, 360° rotatable	
	Interpupillary distance adjustment	48-75mm, dioptric difference adjustment ± 5mm	
	Light path selector		100% - 0% or 0% - 100%
Stage	193x155mm. Excursion XY: 75x50mm (division 0,1mm). Coaxial knobs on right side.		
Condenser	Abbe condenser, N.A. 1,25. Equipped with diaphragm and filter seat. Height and centering are adjustable.		

ADDITIONAL ACCESSORIES			
Code	Description	Code	Description
	Phase contrast kit		Polarizer slide
	Dark field		20x Plan achromatic objective
	Micrometric slide 0.01mm		60x Plan achromatic objective
	Micrometric eyepiece 10x		Eurekam / Eurekam PRO digital cameras

ORDERING CODES			
Code	Description	Code	Description
SOLARIS-B	Binocular, Halogen 30W	SOLARIS-B-LED	Binocular, LED
SOLARIS-T	Trinocular, Halogen 30W	SOLARIS-T-LED	Trinocular LED
SOLARIS-PHASE	Trinocular, Halogen 30W , Phase contrast objectives, turrett condenser with phase anulus	SOLARIS-VIDEO	Trinocular, LED, Video head