

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 | | Polarization kit (analyzer+polarizer) |
| | 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 | | |