

## STEREO Series

Stereomicroscopes for students



# STEREO Series

This series includes a wide selection of stereomicroscopes designed to satisfy every need in both teaching and amateur fields.

The whole range, from MS-2 to ST-50LED, is assembled according to the best technical standards. The optical system, thanks to its transparency, quality and depth, is at the top of its category.

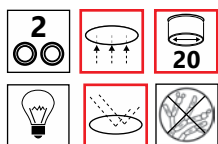
The series is composed of 16 models, each one designed to satisfy multiple needs.

<b>MS-2</b>	Monoscope 20x.
<b>STX</b>	Stereomicroscope, LED incident illumination, powered by batteries (not included).
<b>S-10-P</b>	Stereomicroscope 20x.
<b>S-10-L</b>	Stereomicroscope 20x, tungsten incident illumination, inclined head.
<b>S-10-2L</b>	Stereomicroscope 20x, tungsten incident & transmitted illumination, inclined head.
<b>S-20-L</b>	Stereomicroscope 20x, tungsten incident illumination, inclined head.
<b>S-20-2L</b>	Stereomicroscope 20x, tungsten incident & transmitted illumination, inclined head.
<b>ST-30B-2L</b>	Stereomicroscope 10x-30x, tungsten incident & transmitted illumination, inclined head in rear position.
<b>ST-30-2LR</b>	Stereomicroscope 20x-40x, tungsten incident & transmitted illumination, inclined head in rear position.
<b>ST-30-2LF</b>	Stereomicroscope 20x-40x, tungsten incident & transmitted illumination, inclined head in front position.
<b>ST-30-2Led</b>	Stereomicroscope 20x-40x, LED incident & transmitted illumination, inclined head in front position.
<b>ST-30-2LedR</b>	Stereomicroscope 20x-40x, LED incident & transmitted illumination, inclined head in rear position.
<b>ST-40B-2L</b>	Stereomicroscope 10x-30x, tungsten incident & transmitted illumination, inclined head 360° rotating.
<b>ST-40-2L</b>	Stereomicroscope 20x-40x, tungsten incident & transmitted illumination, inclined head 360° rotating.
<b>ST-45-2L</b>	Stereomicroscope 20x-40x, halogen incident & transmitted illumination, inclined head 360° rotating.
<b>ST-50Led</b>	Stereomicroscope 20x, overhanging stand, LED incident illumination.



# STEREO Series

## ST-30-2LF



### Versatility

The range includes a model, the ST-30-2Led, which allows you to work without worrying about the electrical power supply, thanks to its rechargeable longlife battery. "Cold" light allows an excellent vision of the samples.

### Heads

Binocular heads (except for MS-2 model). **ST-40B-2L**, **ST-40-2L** and **ST-45-2L** models have 360° rotating heads. All remaining models have fixed heads.

**STX**, **S-10-P**, **S-10-L** and **S-10-2L** models have vertical heads.

### Specimen stage

All models have a specimen stage fitted with a black/white disc and specimen clips. Models with transmitted light have also a frosted disk.

### Interpupillary distance

Binocular heads have an interpupillary distance adjustable between 51 and 75mm. Dioptric compensation adjustable on eyepiece tubes, except for MS-2 model.

### Optical system

WF10x/20mm eyepieces. Supplied objective changes according to the model: 2x fixed objective or double selectable objective (2x-4x or 1x-3x).

Using additional eyepieces and objectives, it's possible to obtain up to 80 magnifications.

The **ST-50Led** model have a long working distance 2x objective (119 mm).

### Illumination

The models with incident and/or transmitted light have 12V/10W tungsten bulbs. The **ST-45-2L** model is the only one supplied with halogen bulbs and brightness control.

**ST-30-2Led**, **ST-30-2LedR** and **ST-50Led** have LED illumination.

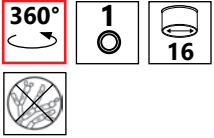
### Focusing

Every model is equipped with focus adjustment knobs located on each side of the stand.

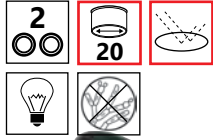


# STEREO Series - Models

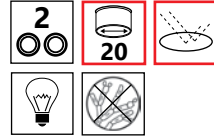
**MS-2**



**S-10-L**



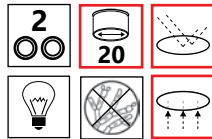
**S-20-L**



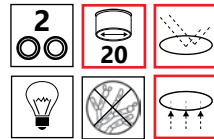
**S-10-P**



**S-10-2L**

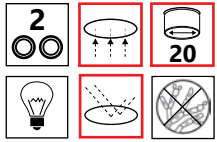


**S-20-2L**

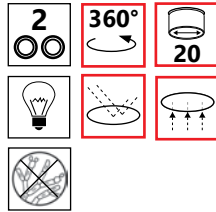


# STEREO Series - Models

**ST-30-2LF**



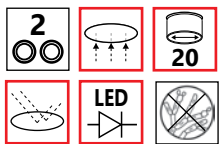
**ST-40-2L**



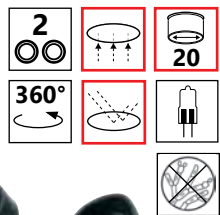
**ST-30-2LR**



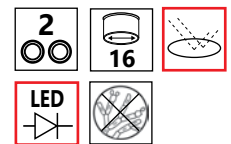
**ST-30-2Led**



**ST-45-2L**

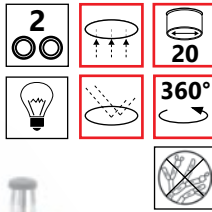


**STX**

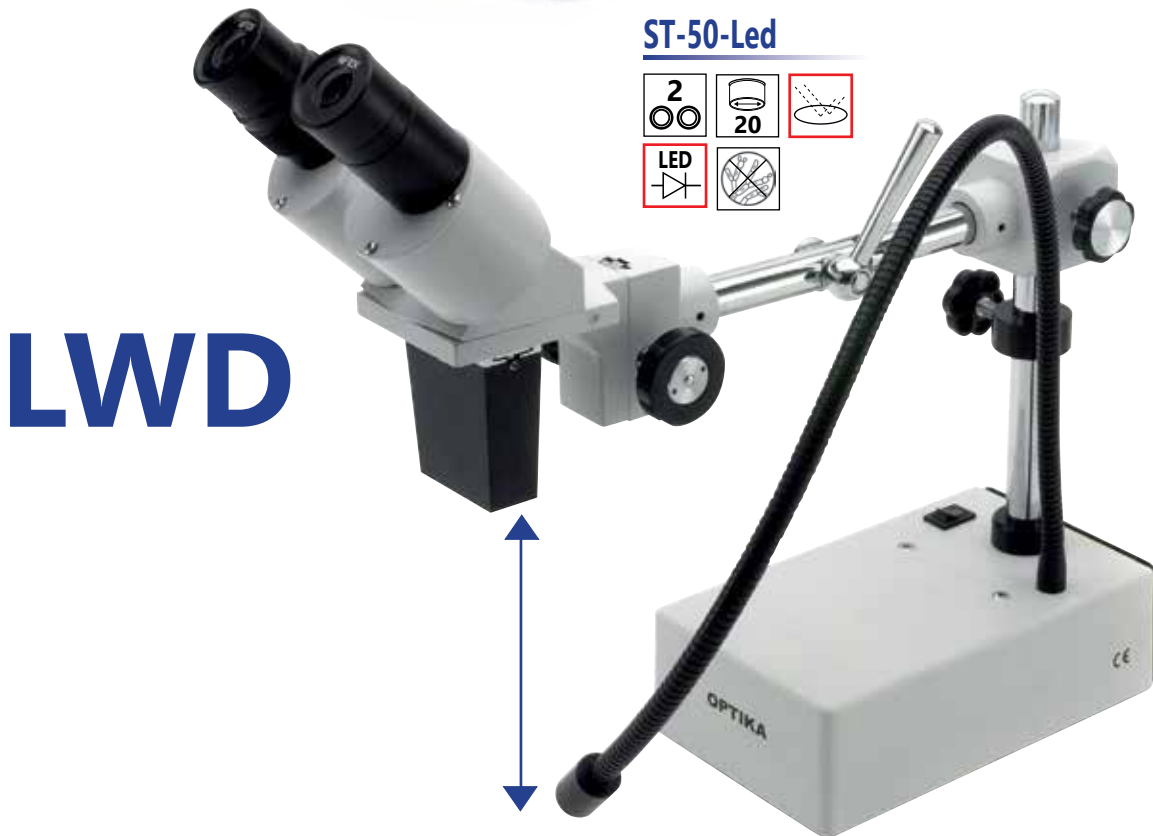
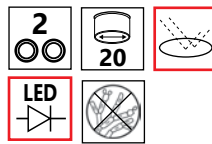


# STEREO Series - Models

ST-40-2L



ST-50-Led



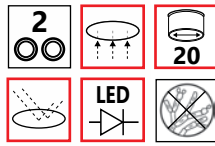
LONG WORKING DISTANCE

# STEREO Series - Technical specifications

Model	Head	Eyepiece(s)	Objectives	Stand	Illumination
<b>MS-2</b>	Monocular 360° rotating - 45° inclined	WF10x/16mm	Fixed 2x	Pillar	Without illumination
<b>STX</b>	Binocular Fixed - vertical	WF10x/16mm	Fixed 2x	Pillar, with fixed holder	LED incident light with slot for 2 AA batteries (batteries not included)
<b>S-10-P</b>	Binocular Fixed - vertical	WF10x/20mm	Fixed 2x	Pillar	Without illumination
<b>S-10-L</b>	Binocular Fixed - vertical	WF10x/20mm	Fixed 2x	Pillar	Incident light - tungsten bulb
<b>S-10-2L</b>	Binocular Fixed - vertical	WF10x/20mm	Fixed 2x	Pillar	Incident and transmitted light - tungsten bulbs
<b>S-20-L</b>	Binocular Fixed - 45° inclined, backwards	WF10x/20mm	Fixed 2x	Pillar	Incident light - tungsten bulb
<b>S-20-2L</b>	Binocular Fixed - 45° inclined, backwards	WF10x/20mm	Fixed 2x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-30B-2L</b>	Binocular Fixed - 45° inclined, backwards	WF10x/20mm	Selectable 1x-3x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-30-2LR</b>	Binocular Fixed - 45° inclined, backwards	WF10x/20mm	Selectable 2x-4x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-30-2LF</b>	Binocular Fixed - 45° inclined, forwards	WF10x/20mm	Selectable 2x-4x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-30-2Led</b>	Binocular Fixed - 45° inclined, forwards	WF10x/20mm	Selectable 2x-4x	Pillar	LED Incident and transmitted light - rechargeable battery
<b>ST-30-2LedR</b>	Binocular Fixed - 45° inclined, backwards	WF10x/20mm	Selectable 2x-4x	Pillar	LED Incident and transmitted light - rechargeable battery
<b>ST-40B-2L</b>	Binocular 360° rotating - 45° inclined	WF10x/20mm	Selectable 1x-3x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-40-2L</b>	Binocular 360° rotating - 45° inclined	WF10x/20mm	Selectable 2x-4x	Pillar	Incident and transmitted light - tungsten bulbs
<b>ST-45-2L</b>	Binocular 360° rotating - 45° inclined	WF10x/20mm	Selectable 2x-4x	Pillar with fixed holder	Incident and transmitted halogen lights with intensity adjustment
<b>ST-50Led</b>	Binocular Fixed - 45° inclined, forwards	WF10x/20mm	Fixed 2x	Overhanging	LED incident light on flexible Arm

# STEREO Series - Accessories

## ST-30-2Led



## BATTERY FOR FIELD USE

**ST-30-2Led** with rechargeable batteries.

Battery box: 3 x AA, 1.2V NiMh – replaceable by the user.

Battery pack: 3 x AA, 1800 mAh.

Time required for a full recharge: 10 hours.

Battery runtime with LED incident light at maximum power: 12 hours.

Battery runtime with LED transmitted light at maximum power: 14 hours.

Battery charging enabled while using the microscope.

Performances estimated with batteries at their maximum efficiency.



## STEREO

ST-001	Eyepieces (pair) WF5x/22mm.
ST-002	Eyepieces (pair) WF10x/20mm.
ST-003	Eyepieces (pair) WF15x/15mm.
ST-004	Eyepieces (pair) WF20x/13mm.
ST-005	Eyepiece micrometer WF10x/20mm.
ST-020	Objective 1x for S-10 and S-20 series.
ST-021	Objective 3x for S-10 and S-20 series.
ST-022	Objective 4x for S-10 and S-20 series.
ST-025	Objective 1x for ST-50Led.
ST-026	Objective 3,5x for ST-50Led.
ST-040	Darkfield condenser.
ST-041	Sample clip.
ST-032	Eyecups (pair) type 1.
ST-011	White/black object-plate, type 1 dia. 60 mm.
ST-012	White/black object-plate, type 2 dia. 95 mm.
ST-014	Glass stage, type 2, dia. 95 mm.
ST-015	Glass stage, type 1, dia. 60 mm.
ST-006	Tungsten bulb, 12V/10W.
ST-028	Halogen bulb 12V/10W.
ST-009	Dust cover type 10.
ST-010	Dust cover type 11 for ST-50Led.
M-114	C-Mount adapter for 1/2" sensor.
M-116	C-Mount adapter for 2/3" sensor.
M-173	Photo adapter for APS-C and Full Frame Reflex cameras.
M-113.2	Ring adapter, 30.5mm (for monocular and binocular microscopes).

## 15104 - Lens cleaner, 50ml

It cleans glass quickly and effectively, without leaving residue or odor.

Ideal for precision lens or prism cleaning.



## STX - MS-2

ST-009	Dust cover type 10.
ST-015	Glass stage, type 1, dia. 60 mm.
M-114	C-Mount adapter for 1/2" sensor.
M-116	CCD camera adapter 0,50x.
M-173	Photo adapter for APS-C and Full Frame Reflex cameras.



## How to connect the cameras to our microscopes.

Please refer to the Adapter reference list on Digital section.

## Headquarters and Manufacturing Facilities

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