

## 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.

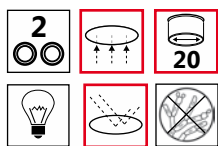
The series is composed of 17 models, each one designed to satisfy multiple needs.

<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-30-2L<sup>ed</sup>, 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 disc.

### Interpupillary distance

Binocular heads have an interpupillary distance adjustable between 51 and 75mm. Dioptic 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-50L<sup>ed</sup>** 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-30-2L<sup>ed</sup>**, **ST-30-2L<sup>ed</sup>R** and **ST-50L<sup>ed</sup>** have LED illumination.

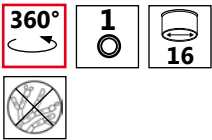
### Focusing

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

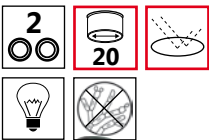


# STEREO Series - Models

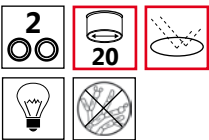
MS-2



S-10-L



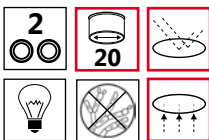
S-20-L



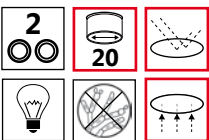
S-10-P



S-10-2L



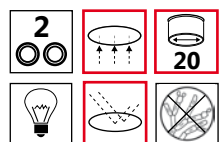
S-20-2L



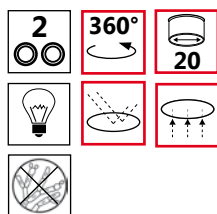


# STEREO Series - Models

**ST-30-2LF**



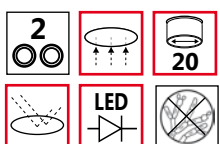
**ST-40-2L**



**ST-30-2LR**



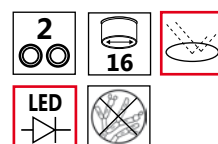
**ST-30-2Led**



**ST-45-2L**

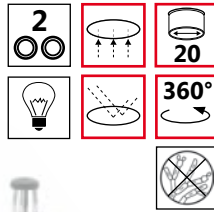


**STX**

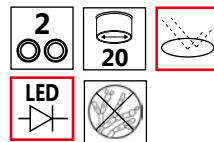


# STEREO Series - Models

ST-40-2L



ST-50-Led



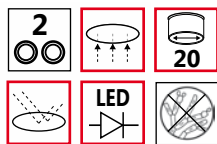
LONG WORKING DISTANCE

# 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

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|--------|--|
| 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.                   |
| 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-50 series.               |
| ST-026 | Objective 3,5x for ST-50 series.             |
| 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-50 series.         |
| 15008  | OPTIKA immersion oil 10ml.                   |

## 15104 - Lens cleaner, 50ml

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

Ideal for precision lens or prism cleaning.







# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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