

education

stereo microscopes



stereo microscopes



Euromex stereo microscopes are ideal instruments for most demanding teaching classes. The high-resolution three-dimensional images generated by these robust, student-friendly microscopes make them highly appreciated by both teachers and students

Digital models with built-in camera and measuring software are also available

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STEREO MICROSCOPES



2 EDUCATION STEREO MICROSCOPES

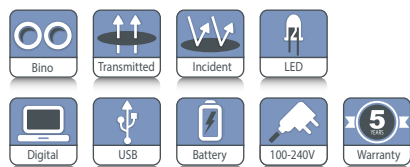


EduBlue

The EduBlue microscopes are ideal for educational purposes and available from 5x up to 80x magnifications

The two parallel optical trains allow the three-dimensional observation of small insects, plants, stones and minerals

● Rack & pinion stand model ED.1402-S



ED.1302-P / ED.1402-P
225 (h) x 175 (w) x 220 mm (d) 2.4 kg
ED.1302-S / ED.1402-S
260 (h) x 175 (w) x 220 mm (d) 2.1 kg
ED.1505-S / ED.1805-S
260 (h) x 175 (w) x 220 mm (d) 2.3 kg

HIGHLIGHTS

- Designed for education
- Robust and sturdy, with secured eyepieces
- WF 10x/20 mm eyepieces
- Dual or triple magnifications
- Available in ergonomic rack & pinion and pillar stands
- Double 1 W LED illumination
- With rechargeable batteries for cordless use
- Digital models with 5.0 MP camera available
- Ergonomic carrying grip
- 5 Years warranty



● Pillar stand model ED.1302-P

SPECIFICATIONS

EYEPIECES

Pair of secured WF 10x/20 mm eyepieces supplied with eyecups

HEAD

- Binocular head with 45° inclined tube.
- Diopter adjustment of ± 5 on one side
- interpupillary distance adjustable between 55 and 75 mm
- Digital head is supplied with a 5.0 MP USB-2.0 1/2.8" CMOS camera
- A maximum of resolution of 2560 x 1920 pixels

DUAL MAGNIFICATION OBJECTIVES

- Revolving nosepiece with dual 1x/3x and 2x/4x magnifications objectives, which can provide standard magnifications of 10x and 30x or 20x and 40x
- Working distance 60 mm
- Field of view of 20/6.7 mm or 10/5 mm
- Magnifications can be altered using optional eyepieces

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

TRIPLE MAGNIFICATION OBJECTIVES

- Revolving nosepiece with triple 1x/2x/3x and 1x/2x/4x magnifications objectives, which can provide standard magnifications of 10x, 20x and 30x or 10x, 20x and 40x
- Working distance 60 mm
- Fields of view of 20/10/6.7 mm or 20/10/5mm
- Magnifications can be altered using optional eyepieces



Revolving nosepiece with triple magnification

2 EDUCATION STEREO MICROSCOPES

STAND

The rack & pinion and pillar stands of the EduBlue are equipped with ergonomic flat bases, complete with two object clamps and Ø 60 mm transparent and black/white stage plates. The coarse adjustment is equipped with tension control. The stands are alloy metal casted with hardened coating



● ED.1505-S

MODELS	Digital head	1x/3x objectives	2x/4x objectives	1x/2x/3x objectives	1x/2x/4x objectives	Pillar stand	Rack & pinion stand
ED.1302-P		•				•	
ED.1302-S		•					•
ED.1305-S	•	•					•
ED.1402-P			•			•	
ED.1402-S			•				•
ED.1405-S	•		•				•
ED.1502-S				•			•
ED.1505-S	•			•			•
ED.1802-S					•		•
ED.1805-S	•				•		•

ILLUMINATION

The transmitted and incident 1 W LED illuminations can be used simultaneously and the light intensities can be adjusted separately. Supplied with an external 100-240 V mains adapter/charger and three rechargeable batteries for corded and cordless use

DIGITAL MODELS

Digital models are equipped with a 5 MP USB-2.0 1/2.8 inch sensor CMOS camera. Maximum resolution is 2560 x 1920 pixels, smaller resolutions are selectable. Delivered with ImageFocus Plus for capturing of images and videos. This software also allows a full range of analyzing tools such as measurements on still and live images and annotations on captured images.

For more information see chapter 3:
Digital solutions

PACKAGE CONTENT

Supplied with 100-240 V mains adapter/charger, dust cover, eyecups and user manual. All packed in a polystyrene box



Check out the product video on YouTube and learn more about the BlueLine. YouTube channel: **Euromex Optics Group B.V.**

ACCESSORIES AND SPARE PARTS

EYEPIECES

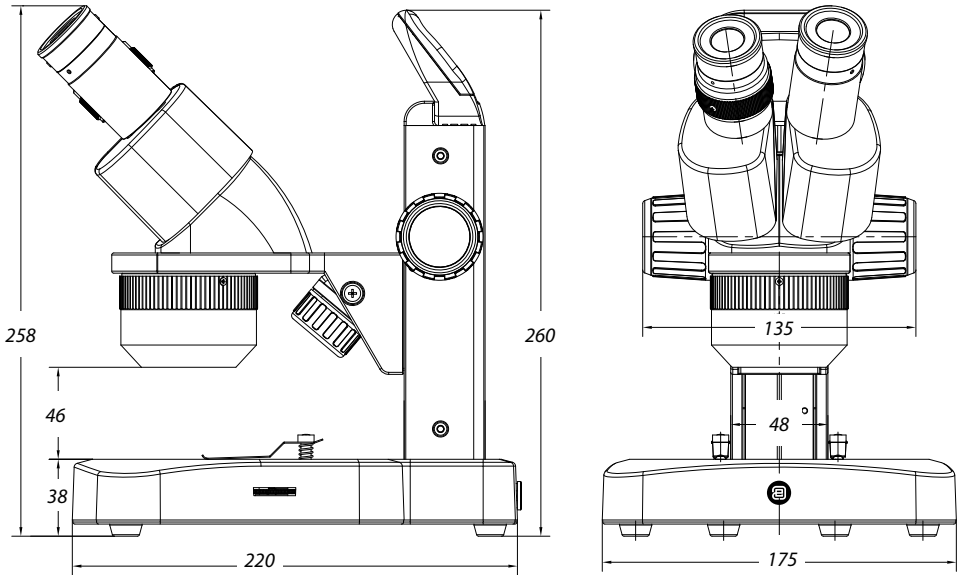
- ED.6005 Pair of HWF 5x/22 mm eyepieces
- ED.6010 Pair of HWF 10x/20 mm eyepieces
- ED.6015 Pair of HWF 15x/12 mm eyepieces
- ED.6020 Pair of HWF 20x/10 mm eyepieces
- ED.6110 HWF 10x/20 mm eyepiece with 10 mm/100 micrometer
- ED.6099 Pair of eyecups

MISCELLANEOUS

- ED.9570 Pair of object clamps for stage
- ED.9950 Stage plate frosted glass, opaque, Ø 60 mm
- ED.9956 Stage plate black/white, Ø 60 mm
- ED.4300 Aluminum transport case for EduBlue microscopes
- AE.9918 Nylon microscope bag (25 x 39 x 19 cm)
- AE.1112 Micrometer 76 x 26 mm slide, 50 mm/50 divisions
- SL.5504 LED replacement unit, incident illumination
- SL.5505 LED replacement unit, transmitted illumination

DISPOSABLES

- PB.5245 Lens cleaning paper, 100 sheets per pack
- PB.5274 Isopropyl alcohol 99% (200 ml)
- PB.5275 Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower, cotton swabs
- PB.5276 Microscope maintenance and servicing kit, 16 pcs: cleaning brush, 6 pcs screwdriver set, air blower, 3 pcs Allen key, 1.5, 2, 2.5 mm, lens cleaning fluid 20 ml, cleaning cloth 140 x 140 mm, 100 pcs lens tissue sheets, tube of maintenance grease, 10 ml bottle of oil, packed in a nice toolbox



STEREO MICROSCOPES



StereoBlue

StereoBlue microscopes are developed especially for laboratory applications, education, and are greatly appreciated by biologists, entomologists, geologists, mechanical and electronic engineers and other professionals such as jewelers and dental technicians

SB.1903



SB.1903
330 (h) x 220 (w) x 266 mm (d) 4.4 kg
SB.1903-P
299 (h) x 220 (w) x 266 mm (d) 5.1 kg
SB.1302/SB.1402
330 (h) x 220 (w) x 266 mm (d) 4.0 kg
SB.1302-P/SB.1402-P
299 (h) x 220 (w) x 266 mm (d) 4.7 kg

HIGHLIGHTS

- Designed for professional use
- Robust and sturdy
- WF 10x/21 mm eyepieces
- Dual magnifications or zoom models
- Available in ergonomic rack & pinion, pillar and universal stands
- Double 3 W LED illumination
- Also available with batteries
- Ergonomic carrying grip
- 5 Years warranty

SPECIFICATIONS

EYEPIECES

Pair of WF 10x/21 mm eyepieces supplied with eyecups

HEAD

- Binocular or trinocular 45° inclined tubes
- Diopter adjustment on both eyepieces, except the models SB.1302-P/1402-P and SB.1302 /1402 , which have diopter adjustment on one side
- Interpupillary distance adjustable between 55 mm and 75 mm
- Trinocular head is supplied with a fixed light path beam splitter (50:50)

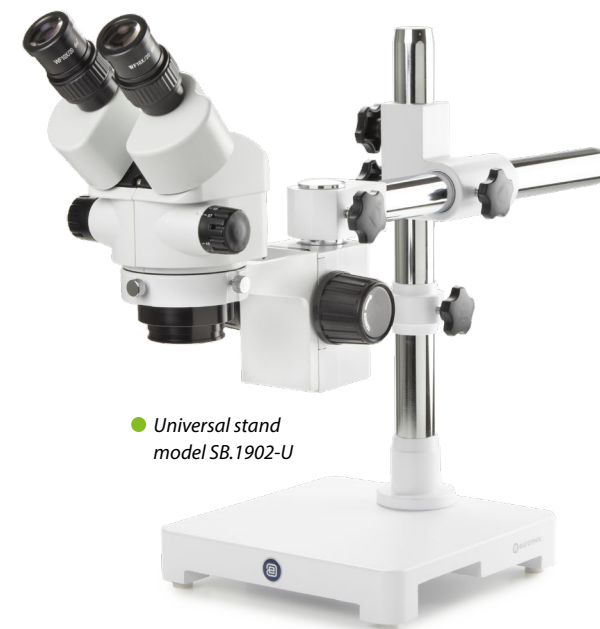
All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

DUAL MAGNIFICATION OBJECTIVES

- Nosepiece with dual 1x/3x or 2x/4x revolving objectives
- Magnifications 10x/30x or 20x/40x
- Field of view 21 mm/7 mm or 10.5 mm/5.25 mm
- Working distance 100 mm

ZOOM OBJECTIVE

- Zoom stereo 0.7x to 4.5x parfocal objective
- Magnification from 7x to 45x
- Field of view 30 mm to 4.7 mm
- Working distance 100 mm



Universal stand model SB.1902-U

STAND

The rack & pinion and pillar stands of the StereoBlue are equipped with ergonomic flat bases, complete with two object clamps and Ø 60 mm transparent and a black/white stage plate. The coarse adjustment is equipped with tension control

The ergonomic universal single arm stand is ideal for observation of large samples or working under the microscope. Standard supplied without illumination. Suitable for e.g. ring illuminators LE.1973 and LE.1974. The stands are alloy metal casted with hardened coating



Built-in ring light with 30 intensity adjustable LED's

ILLUMINATION

3 W transmitted and incident LED illuminators which can be used simultaneously. Model SB.3903 and SB.3903-P are equipped with 3 W transmitted and incident LED illuminators and a built-in 30 LED ring light incident illuminator. The light intensities can be adjusted separately. Also available with batteries (add "B" after article number, e.g. SB.1302-PB)

CAMERAS

Euromex offers a wide range of cameras, see chapter 3 (Digital Solutions)

PACKAGE CONTENT

Models with illumination are supplied with power cord, dust cover, eyecups, a spare fuse, Ø 60 mm transparent and black/ white stage plates and user manual. All packed in a polystyrene box



Check out the product video on YouTube and learn more about the BlueLine. YouTube channel: **Euromex Optics Group B.V.**



MODELS	Binocular	Trinocular	1x/3x objective	2x/4x objective	0.7 - 4.5x zoom	Rack & pinion stand	Pillar stand	Universal stand	30 LED right light	Weight (kg)
SB.1302	•		•			•				3.3
SB.1302-P	•		•				•			4.2
SB.1402	•			•		•				3.3
SB.1402-P	•			•			•			4.2
SB.1902	•				•	•				3.6
SB.1902-P	•				•		•			4.4
SB.1902-U	•				•			•		15.4
SB.1903		•			•	•				3.7
SB.1903-P		•			•		•			4.5
SB.1903-U		•			•			•		15.5
SB.3903		•			•	•			•	3.7
SB.3903-P		•			•		•		•	4.5

MAGNIFICATIONS

WORKING DISTANCES AND FIELD OF VIEW SPECIFICATIONS

EYEPIECES - 10X/21 MM

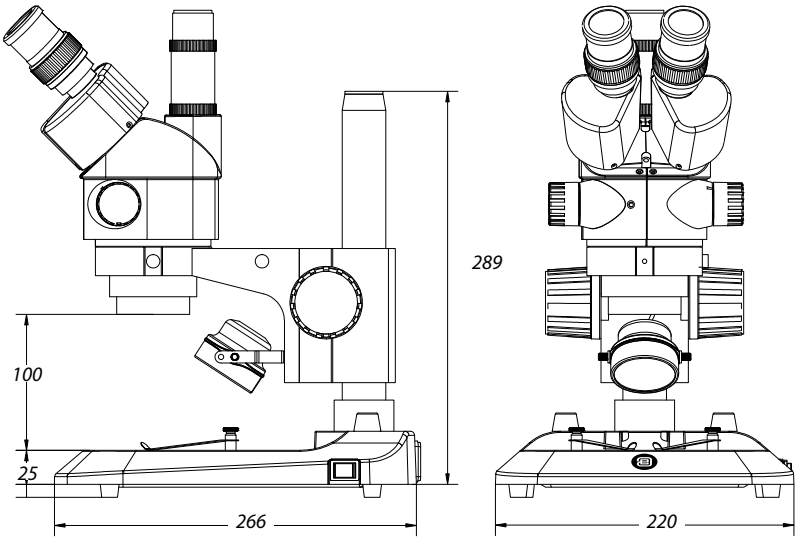
Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0.5	179	3.5	22.5	60.0	9.3
0.75	105	5.3	33.8	39.6	6.2
Standard	100	7.0	45.0	30.0	4.7
1.5	53	10.5	67.5	20.0	3.1

EYEPIECES - 15X/15 MM

Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0.5	179	5.3	33.8	42.9	6.7
0.75	105	7.9	50.6	28.6	4.4
Standard	100	10.5	67.5	21.4	3.3
1.5	53	15.8	101.3	14.3	2.2

EYEPIECES - 20X/10 MM

Magnification additional lens	Working distance	Minimum magnification	Maximum magnification	Maximum field of view	Minimum field of view
0.5	179	7.0	45.0	28.6	4.4
0.75	105	10.5	67.5	19.0	3.0
Standard	100	14.0	90.0	14.3	2.2
1.5	53	21.0	135.0	9.5	1.5



ACCESSORIES AND SPARE PARTS

EYEPIECES

- SB.6210** Pair of HWF 10x/21 mm eyepieces
- SB.6210-C** WF 10X/21 mm eyepiece with crosshairs
- SB.6210-M** WF 10X/21 mm eyepiece with micrometer scale
- SB.6015** Pair of HWF 15x/15 mm eyepieces
- SB.6015-C** WF 15X/15 mm eyepiece with crosshairs
- SB.6015-M** WF 15X/15 mm eyepiece with micrometer scale
- SB.6020** Pair of HWF 20x/10 mm eyepieces
- SB.6020-C** WF 20/10 mm eyepiece with crosshairs
- SB.6020-M** WF 20/10 mm eyepiece with micrometer scale
- SB.6099** Pair of eyecups

AUXILIARY LENSES

- SB.8903** Auxiliary 0.3x lens for zoom models, WD 287 mm. Only suitable for boom and articulated stands
- SB.8905** Auxiliary 0.5x lens for zoom models, WD 179 mm. Only suitable for SB.1902-P, SB.1903-P, SB.1902-U and SB.1903-U
- SB.8907** Auxiliary 0.75x lens for zoom models WD 105 mm
- SB.8915** Auxiliary 1.5x lens for zoom models WD 53 mm. Not suitable for SB.39xx

MISCELLANEOUS

- SB.8950** Protection glass window for StereoBlue
- SB.9020** Universal single-arm stand without StereoBlue head holder
- SB.9090** Head holder for SB.9020
- SB.9040** Darkfield attachment for StereoBlue, only for -S and -P models

- SB.9520** Polarization kit for StereoBlue: 360° rotatable circular stage with built-in polarization filter (SB.9524) and analyzer in mount to be screwed under the head (SB.9525)
- SB.9524** 360° rotatable circular stage with built-in polarization filter for StereoBlue
- SB.9525** 360° rotatable analyzer in mount to be screwed under the head of StereoBlue
- SB.9570** Pair of object clamps for stage

- SB.9952** Stage plate transparent, Ø 60 mm
- SB.9956** Stage plate black/white, Ø 60 mm
- SB.9983** 3 W LED replacement unit for StereoBlue, incident illumination
- SB.9983-R** 3 W LED replacement unit for StereoBlue, transmitted illumination
- AE.1112** Micrometer 76 x 26 mm slide, 50 mm/50 divisions

CAMERA ACCESSORIES

- SB.9850** C-mount adapter with 0.5x lens for 1/2" cameras. Only for trinocular models
- AE.5130** Universal SLR camera adapter with 2x projection lens for 23.2 mm tubes. Needs T2 adapter
- AE.5025** T2 adapter for Nikon D digital SLR cameras
- AE.5040** T2 adapter for Canon EOS digital SLR cameras

Other T2 adapters on request

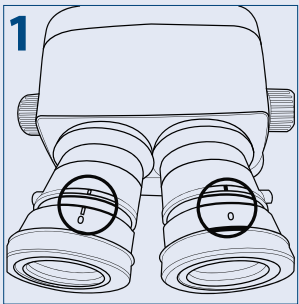
DISPOSABLES

- PB.5245** Lens cleaning paper, 100 sheets per pack
- PB.5274** Isopropyl alcohol 99% (200 ml)
- PB.5275** Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower, cotton swabs

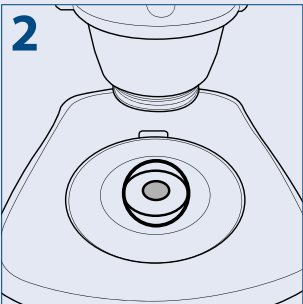
QUICK INSTALLATION

how to set up a stereo microscope

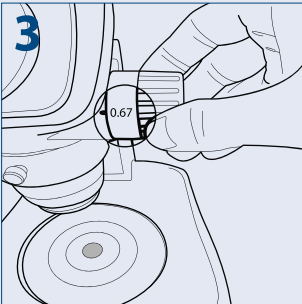
Setting up your stereo microscope properly is essential to getting parfocal images during the entire zoom range. It also prevents head aches, stressful eyes and fatigue. Below you will find a setup guide that will help get the best out of your microscope



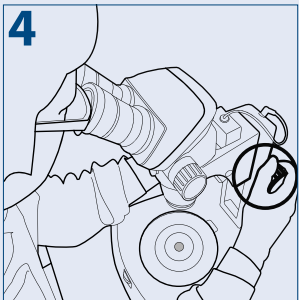
Turn the diopter adjustment rings of both eyepieces to position "0"



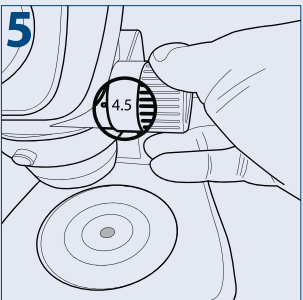
Put a specimen on the stage plate



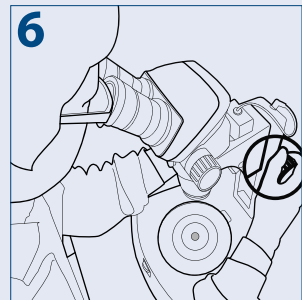
Turn the zoom adjustment knob to the lowest magnification



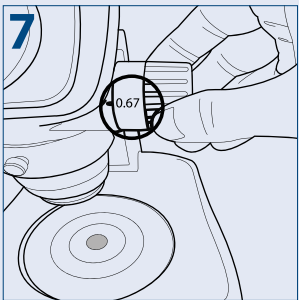
Rotate the focus adjustment knob to bring the specimen into focus



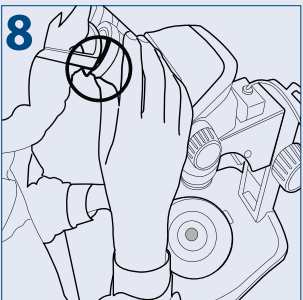
Turn the zoom adjustment knob to the highest magnification



Rotate the focus adjustment knob to bring the specimen into focus



Turn the zoom adjustment knob to the lowest magnification



Rotate the diopter adjustment rings of the left and right eyepiece to bring the specimen into focus

PLEASE NOTE

Put the zoom adjustment knob at the highest magnification again and check the image focusing. The diopter adjustment is complete when the image is accurately focused during zooming

If not, please repeat steps 3 to 8



nexiuszoom

the new standard in stereo microscopy



The NexusZoom stereo microscopes of Euromex enable examining your specimen with high-performance precision and they generate two- and three-dimensional images, which make them highly suitable for your demanding microscopy applications

These top level zoom microscopes are perfect for analyzing all kinds of material surfaces or to observe and prepare biological samples



STEREO MICROSCOPES

NexusZoom

FEATURED

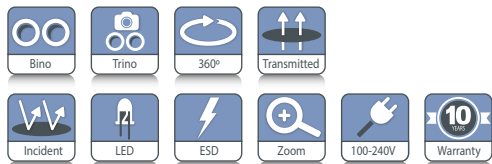
NexusZoom (EVO)

The NexusZoom and NexusZoom EVO stereo microscopes of Euromex allow you to examine your specimen with high precision, generating three-dimensional images, suitable for your highest demanding applications. These top level zoom microscopes are perfect for analyzing all kinds of material surfaces or observing and preparing biological samples

These stereo microscopes can be supplied with a large choice of stands, with or without LED illumination. Ideal for a wide variety of educational and life science applications. With additional lenses and objectives magnifications from 3.3 up to 220x can be achieved



● NZ.1903-S



NZ.1903-S / NZ.1703-S
339 (h) x 256 (w) x 311 mm (d) | 5.1 kg
NZ.1903-P / NZ.1703-P
299 (h) x 256 (w) x 311 mm (d) | 5.2 kg
For weight of other products see table

HIGHLIGHTS

- Binocular and trinocular heads with HWF 10x/22 mm or HWF 10x/23 mm eyepieces
- Zoom ratio 1 : 6.7, 6.7x to 45x or 1 : 8.4, 6.5x to 55x
- Ergonomic stands
- Double 3 W LED illuminations
- Configurations up to 220x magnification
- Large working distance (WD)
- 10 Years warranty



● NZ.1903-PG

● NZ.1903-M

SPECIFICATIONS

EYEPIECES

The standard NexusZoom is supplied with a pair of HWF 10x/22 mm eyepieces. The NexusZoom EVO is supplied with a pair of HWF 10x/23 mm eyepieces

HEAD

Binocular or trinocular heads with 45° inclined tubes. Both eyepieces with ± 5 diopter adjustments. Interpupillary distance adjustable between 54 mm and 75 mm. The trinocular head is supplied with a fixed light path beam splitter (50:50). The NexusZoom EVO models are now equipped with click-stops

OBJECTIVES

The standard NexusZoom is supplied with a 1:6.7 zoom objective with 0.67x to 4.5x magnifications, a field of view from 33 mm to 4.9 mm. WD 110 mm

The NexusZoom EVO is supplied with a 1:8.4 zoom objective with 0.65x to 5.5x magnifications, a field of view from 35.4 mm to 4.2 mm. WD 110 mm

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

AUXILIARY LENSES

For extra working distances the following auxiliary lenses are available for both the standard NexusZoom and NexusZoom EVO: 0.3x, 0.4x, 0.5x, 0.75x, 1.5x and 2.0x. For fields of view and working distances, see NexusZoom in chapter 6



● NZ.1902-P

● NZ.1902-S

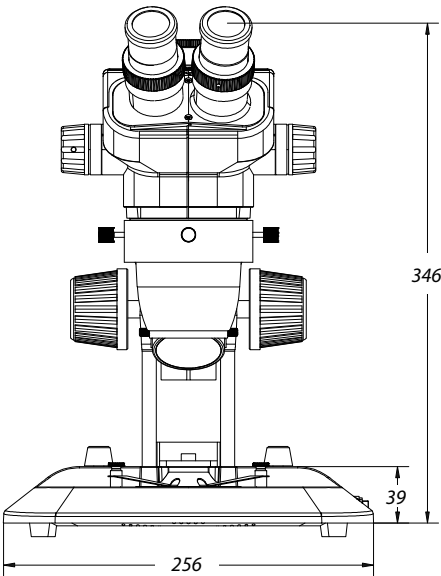
POLARIZATION

The NexusZoom and NexusZoom EVO can be supplied with an optional 360° rotatable circular stage with built-in polarization filter and/or an optional rotatable analyzer filter in mount to be screwed under the objective

STAND

- Ergonomic pillar or rack & pinion stand with 3 W incident and 3 W transmitted LED illuminations (-P and -S stands)
- Ergonomic pillar stand with two 3 W gooseneck type incident LED illuminations on each side and a 3 W transmitted LED illumination (-PG stand)
- Ergonomic pillar stand with rotating mirror and 3 W LED transmitted and incident illuminations (-M stand)
- Ergonomic universal or boom stands, without illumination (-U, -B and BC stands)
- Articulated arm stand for table mounting or with heavy base plate, both without head holder, without illumination (-A and -AP stands)

All pillar and rack & pinion stands are supplied with two object clamps. Alloy metal cast, hardened coating



STAGE

180 x 155mm X-Y mechanical stage with 76 x 55 mm translation stage and transparent glass plate for NexusZoom, fixed on stage of microscope. Only available with new microscopes (due to fixing), so it has to be ordered with the purchase of a microscope (See picture: NZ.9505 in accessories)

ILLUMINATION

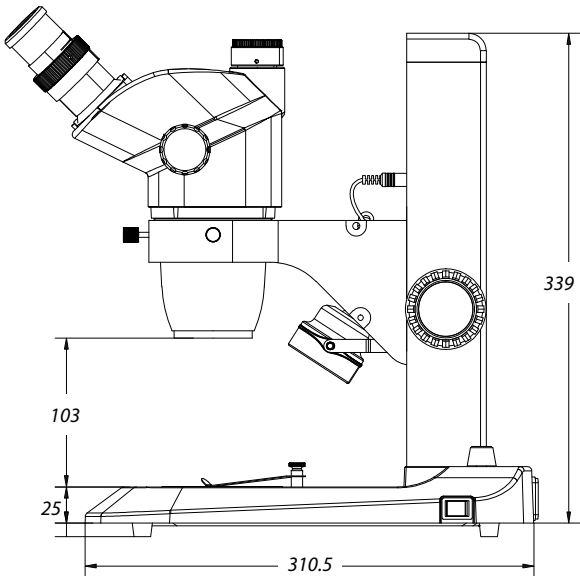
3 W transmitted and incident LED illuminators with internal power supply 100-240 V. Both illuminators can be used simultaneously and the light intensities can be adjusted separately. The universal single or double arm stands and the articulated stands can be equipped with the ring illuminators LE.1974 and LE.1973 with respectively 72 or 144 power LEDs controlled in segments, ideal for creating or lifting shades

PACKAGE CONTENT

Supplied with power cord, dust cover, a spare fuse and user manual. All packed in a polystyrene box



Check out the product video on YouTube and learn more about this microscope. YouTube channel: **Euromex Optics Group B.V.**



NEXIUSZOOM 0.67-4.5 (WF 10X/22MM)

MODELS	Bino	Trino	Pillar stand	Rack & pinion stand	Universal stand	Boom stand on heavy base plate	Boom stand on table clamp	Articulated arm stand on table clamp	Articulated arm stand on heavy base plate	Gooseneck dual LED	Mirror LED	Weight (kg)
NZ.1902-P	•		•									5.0
NZ.1902-PG	•		•							•		5.1
NZ.1902-M	•		•								•	4.9
NZ.1902-S	•			•								4.9
NZ.1902-U	•				•							15.6
NZ.1902-B	•					•						22.1
NZ.1902-BC	•						•					10.5
NZ.1902-A	•							•				8.6
NZ.1902-AP	•								•			20.7
NZ.1903-P		•	•									5.2
NZ.1903-PG		•	•							•		5.3
NZ.1903-M		•	•								•	5.1
NZ.1903-S		•		•								5.1
NZ.1903-U		•			•							15.7
NZ.1903-B		•				•						22.2
NZ.1903-BC		•					•					10.6
NZ.1903-A		•						•				8.7
NZ.1903-AP		•							•			20.8

NEXIUSZOOM EVO 0.65-5.5 (WF 10X/23MM)

MODELS	Bino	Trino	Pillar stand	Rack & pinion stand	Universal stand	Boom stand on heavy base plate	Boom stand on table clamp	Articulated arm stand on table clamp	Articulated arm stand on heavy base plate	Gooseneck dual LED	Mirror LED	Weight (kg)
NZ.1702-P	•		•									5.0
NZ.1702-PG	•		•							•		5.1
NZ.1702-M	•		•								•	4.9
NZ.1702-S	•			•								4.9
NZ.1702-U	•				•							15.6
NZ.1702-B	•					•						22.1
NZ.1702-BC	•						•					10.5
NZ.1702-A	•							•				8.6
NZ.1702-AP	•								•			20.7
NZ.1703-P		•	•									5.2
NZ.1703-PG		•	•							•		5.3
NZ.1703-M		•	•								•	5.1
NZ.1703-S		•		•								5.1
NZ.1703-U		•			•							15.7
NZ.1703-B		•				•						22.2
NZ.1703-BC		•					•					10.6
NZ.1703-A		•						•				8.7
NZ.1703-AP		•							•			20.8

The NexusZoom EVO models are now equipped with click-stops

ACCESSORIES AND SPARE PARTS

HEADS & EYEPIECES

- NZ.5302** NZ binocular head 0.67-4.5x*
- NZ.5303** NZ trinocular head 0.67-4.5x*
- NZ.5312** NZ EVO binocular head 0.65-5.5x*
- NZ.5313** NZ EVO trinocular head 0.65-5.5x*

* without head holder

- NZ.6010** Pair of HWF 10x/22 mm eyepieces
- NZ.6010-C** HWF 10x/22 mm eyepiece only with crosshairs
- NZ.6010-CM** HWF 10x/22 mm eyepiece only with 10/100 micrometer and crosshairs
- NZ.6015** Pair of HWF 15x/16 mm eyepieces for NZ
- NZ.6020** Pair of HWF 20x/12 mm eyepieces for NZ
- NZ.6099** Pair of eyecups for NZ
- NZ.6110** HWF 10x/22 mm eyepiece with crosshairs and 10/100 micrometer for NZ
- NZ.6210** Pair of HWF 10x/23 mm eyepieces for NZ EVO
- NZ.6210-C** HWF 10x/22 mm eyepiece only with crosshairs for NZ EVO
- NZ.6210-CM** HWF 10x/22 mm eyepiece only with 10/100 micrometer and crosshairs for NZ EVO

AUXILIARY LENSES

- NZ.8903** Additional 0.3x lens for NZ. WD 287 mm. Only suitable for A, AP, U, B, BC and M stands
- NZ.8904** Additional 0.4x lens for NZ. WD 220 mm. Only suitable for P, PG, A, AP, U, B, BC nd M stands
- NZ.8905** Additional 0.5x lens for NZ. WD 183 mm. Only suitable for P, PG, A, AP, U, B, BC nd M stands
- NZ.8907** Additional 0.75x lens for NZ. WD 105 mm. Only suitable for P, PG, A, AP, U, B, BC nd M stands
- NZ.8915** Additional 1.5x lens for NZ. WD 53 mm
- NZ.8920** Additional 2.0 lens for NZ. WD 34 mm

STANDS

- NZ.9000** Ergo pillar stand without illumination
- NZ.9005** Ergo pillar stand with adjustable transmitted 3 W LED illumination
- NZ.9010** Ergo rack & pinion stand with incident and transmitted 3 W LED illuminators
- NZ.9015** Ergo pillar stand with incident and transmitted 3 W LED illuminators
- NZ.9018** Ergonomic pillar stand with two 3 W gooseneck type incident LED illuminations on each side and a 3 W transmitted LED illumination
- NZ.9020** Universal one-arm stand without NZ head holder
- NZ.9025** Black universal stand with table clamp without NZ head holder
- NZ.9027** Black universal stand with heavy baseplate without NZ head holder
- NZ.9030** Universal double-arm boom stand without NZ head holder
- NZ.9032** Universal two-arm stand with table clamp without NZ head holder
- NZ.9042** Stand with rotating mirror and indirect transmitted LED illumination

NZ = NexiusZoom



● NZ.9005

● NZ.9000



● NZ.8903

● NZ.8904

● NZ.8905

● NZ.8907

● NZ.8915

● NZ.8920



● NZ.1902-U

● NZ.1902-BC

● NZ.1903-B

● NZ.1902-AP

● NZ.1902-A

HEAD HOLDERS

- NZ.9081** Head 76 mm holder for NZ and black universal stand NZ.9025/NZ.9027
- NZ.9090** NZ head holder for NZ.9020/9030/9032 pillar stands
- NZ.9095** NZ head holder with fine and coarse adjustment for NZ.9020/9030/9032 pillar stands. Only available with new microscopes



● NZ.9095

ILLUMINATION

- LE.5207** Multi-functional dual 3 W LED adjustable light source. Equipped with two flexible gooseneck arms with LED illuminator
- LE.5212** Euromex illumination station with two independently controlled goosenecks, a ring light and a transmitted stage illuminator (see photos on opposite page)
- LE.5260** Interchangeable high power (standard) white 6,500K light guide for NZ.9018/LE.5207/LE.5212, 1 pc
- LE.5261** Interchangeable high power 365 nm flexible arm for NZ.9018/LE.5207/LE.5212, 1 pc
- LE.5262** Interchangeable high power 395 nm flexible arm for NZ.9018/LE.5207/LE.5212, 1 pc
- LE.5263** Interchangeable high power 420 nm flexible arm for NZ.9018/LE.5207/LE.5212, 1 pc
- LE.1974** Ring illuminator with 72 LEDs with adjustable light intensity. External power supply 110-240 Vac / 12 Vdc (50/60 Hz). With segment controller. Brightness of 20,000 Lux at 100 mm distance and color temperature of 6,500 K. Mounting for stereo head with diameter from 25 to 61 mm

- LE.1973** Ring illuminator with 144 LEDs with adjustable light intensity. External power supply 100-240 Vac / 12 Vdc (50/60 Hz). With segment controller. Brightness of 23,000 Lux at 100 mm distance and color temperature of 6,500 K. Mounting for stereo head with diameter from 25 to 61 mm
- LE.5210** Euromex cold light illuminator EK-1, 100 W halogen. 110 V and 230 V models available
- LE.5211** Euromex cold light illuminator, 150 W halogen. 110 V and 230 V models available
- LE.5211-LED** Euromex cold light illuminator LED, 30 W high power LED
- LE.5214** Dual arm light conductor, gooseneck self-sustaining, 50 cm long, Ø 4 mm core
- LE.5215** Triple arm light conductor, gooseneck self-sustaining, 50 cm long, Ø 4 mm core
- LE.5222** Focusing head suitable for focusing lens LE.5214 and LE.5215 needs LE.5224
- LE.5224** Aspherical focusing lens for mounting in LE.5222
- More illumination options, see chapter 11*

STAGES

- NZ.9505** Mechanical 180 x 155 mm X-Y stage with 75 x 75 mm translation and transparent glass plate
- NZ.9524** 360° rotatable circular stage with built-in polarization filter for NZ
- NZ.9525** 360° rotatable analyzer in mount to be screwed under head of NZ
- AE.1960** Circular positioning stage
- AE.5168-NZ** Heating stage for NZ microscope stage



● NZ.9505

CAMERA ACCESSORIES

- NZ.9833** C-mount adapter with 0.33x lens for 1/3 inch cameras
- NZ.9850** C-mount adapter with 0.5x lens for 1/2 inch cameras
- AE.5130** Universal SLR adapter with built-in 2x lens for standard 23.2 mm tube. Needs T2 adapter
- AE.5025** T2 adapter for Nikon D SLR digital camera
- AE.5040** T2 adapter for Canon EOS SLR digital camera

MISCELLANEOUS

- NZ.8950** Protection glass window for NZ
- NZ.9520** Polarization kit for NZ: 360° rotatable circular stage with built-in polarization filter (NZ.9524) + analyzer in mount to be screwed under head (NZ.9525)
- NZ.9040** Darkfield attachment for NZ
- NZ.9570** Pair object clamps for standard stage
- NZ.9572** Adjustable GEM object clamp for P, PL and S stand of NZ
- NZ.9950** Standard plexiglass object plate, opaque, with black border
- NZ.9956** Pair of object stage plates (black/white) Ø 90 mm
- NZ.9958** Standard glass object plate, opaque
- NZ.9983-R** 3 W LED replacement unit for NZ, incident illumination
- NZ.9983** 3 W LED replacement unit for NZ, transmitted illumination
- AE.1112** Micrometer 76 x 26 mm slide, 50 mm/500 divisions, 100 µm per division

DISPOSABLES

- PB.5245** Lens cleaning paper, 100 sheets per pack
- PB.5274** Iso propyl alcohol 99%, 200 ml
- PB.5275** Cleaning kit: lens fluid, lint free lens tissue/paper, brush, air blower, cotton swabs
- PB.5276** Microscope maintenance and servicing kit, 16 pcs: cleaning brush, 6 pcs screwdriver set, air blower, 3 pcs Allen key 1.5, 2, 2.5 mm, lens cleaning fluid 20 ml, cleaning cloth 140 x 140 mm, 100 pcs lens tissue sheets, tube of maintenance grease, 10 ml bottle of oil, packed in a toolbox

NZ = NexiusZoom

WD = working distance



● The LE.5212 in two different configurations



STEREO MICROSCOPES

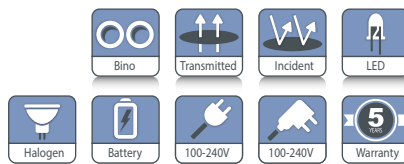
AP series

AP series

The microscopes of the AP series are designed specifically for educational purposes. The models are compact, robust and come with dual magnification revolvers and interchangeable objectives mounted in sliders

● AP-7 (50.925)

AP-1
250 (h) x120 (w) x 170 mm (d) | 1.4 kg
AP-2 / AP-4
220 (h) x 120 (w) x 170 mm (d) | 2.0 kg
AP-5
286 (h) x 120 (w) x 190 mm (d) | 2.5 kg
AP-7 / AP-7 LED / AP-8 / AP-8 LED
286 (h) x120 (w) x 190 mm (d) | 2.4 kg



HIGHLIGHTS

- Small and robust
- Binocular heads with vertical or 45° inclined tubes
- Secured WF 10x/20 mm eyepieces
- Magnifications from 10 to 120x
- Pillar stands with and without illumination
- LED illumination for cordless use

SPECIFICATIONS

EYEPIECES

Pair of secured wide field eyepieces WF 10x/20 mm.
Supplied with eyecups

HEAD

Binocular head with vertical or 45° inclined tubes. One tube is supplied with diopter adjustment. Interpupillary distance from 55 to 75 mm

OBJECTIVES

- The AP-1, AP-2, AP-4 and AP-5 models come with a 2x magnification objective in slider. This objective is interchangeable with optional 1x, 3x, 4x and 6x magnification objectives
- The AP-7 and AP-7 LED models are supplied with revolving 1x/3x objectives for total magnification of 10 and 30x with fields of view from 20 to 6.7 mm
- The AP-8 and AP-8 LED models are supplied with revolving 2x/4x objectives for total magnification of 20 and 40x with fields of view from 10 to 5 mm

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput



● AP-1 (50.890)

STAND

Pillar stand with a 40 mm coarse adjustment. Supplied with a black/white object plate and two object clamps

ILLUMINATION

- The AP-1 is supplied without illumination
- The AP-2 and AP-4 are supplied with an incident 10 W 12 V tungsten illumination and internal power supply
- The AP-5, AP-7 and AP-8 models are supplied with a transmitted and incident 10W 12V tungsten illumination and internal power supply
- The AP-7 LED and AP-8 LED models are supplied with a transmitted and incident LED illumination with three rechargeable batteries for a maximum of 35 hours cordless operation. With external mains adapter/charger

CAMERAS

Euromex offers a wide range of industrial and education grade cameras, see chapter 3 (Digital Solutions). The camera replaces one of the eyepieces

PACKAGE CONTENT

Supplied with power cord/adapter, dust cover, a spare fuse and user manual. All packed in a polystyrene box



● AP-2 (50.900)



● AP-4 (50.915)



● AP-5 (50.920)

MODELS		Vertical head	45° head	Interchangeable 2x objective	1x/3x objective	2x/4x objective	Transmitted tungsten illumination	Incident tungsten illumination	Transmitted LED illumination	Incident LED illumination
50.890	AP-1	•		•						
50.900	AP-2	•		•						
50.915	AP-4		•	•				•		
50.920	AP-5		•	•				•		
50.925	AP-7		•		•		•	•		
50.926	AP-7 LED		•		•				•	•
50.930	AP-8		•			•	•	•		
50.931	AP-8 LED		•			•			•	•

ACCESSORIES AND SPARE PARTS

EYEPIECES

- 50.805** Pair of wide field eyepieces WF 5x/22 mm
- 50.810** Pair of wide field eyepieces WF 10x/20 mm
- 50.811** Micrometer eyepiece WF 10x/20 mm, 10 mm/100
- 50.815** Pair of wide field eyepieces WF 15x/16 mm
- 50.820** Pair of wide field eyepieces WF 20x/10 mm
- 50.840** Pair of eyecups

Suitable for AP-1, AP-2, AP-4 and AP-5:

OBJECTIVES

- 50.831** Paired achromatic objectives 1x. WD 57 mm
- 50.832** Paired achromatic objectives 2x. WD 80 mm
- 50.833** Paired achromatic objectives 3x. WD 61 mm
- 50.834** Paired achromatic objectives 4x. WD 57 mm
- 50.836** Paired achromatic objectives 6x. WD 40 mm

MISCELLANEOUS

- 50.871** Black/white stage plate Ø 94 mm for AP-7, AP-7 LED, AP-8 and AP-8 LED models
- 50.873** Glass stage plate Ø 94 mm for AP-7, AP-7 LED, AP-8 and AP-8 LED models
- 50.874** Black/white stage plate Ø 60 mm (AP-1, 2, 3 and 4)
- 50.875** Adjustable GEM object clamp for AP series
- 50.876** Darkfield attachment Ø 94 mm for AP-7, AP-7 LED, AP-8 and AP-8 LED models
- 50.884** Spare bulb 10 W 12 V for AP series
- 50.975** External 100-240 V mains adapter
- AE.1112** Micrometer slide, 50 mm/50 divisions

DISPOSABLES

- PB.5245** Lens cleaning paper, 100 sheets per pack
- PB.5274** Isopropyl alcohol 99% (200 ml)
- PB.5275** Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower and cotton swabs

