

Stereo microscopes
for materials and life sciences

NexiusZoom
The standard in microscopy

zoom microscopes



Euromex NexusZoom stereo microscopes enable you to observe your specimen with the highest precision in three dimensional imaging

These high quality stereo microscopes are perfect for analyzing all kinds of material surfaces and for preparing biological samples



FEATURES

- | | |
|---|----------------------------------|
| 1 Trinocular port for camera (optional) | 6 3 W LED illumination |
| 2 Binocular and trinocular heads with WF 10x/22 mm or 23 mm eyepieces | 7 Long working distance |
| 3 Zoom ratio 1: 6.7x or 1: 8.4x | 8 Various ergonomic stands |
| 4 6.7x to 45x or 6.5x to 55x standard magnification | 9 3 W LED illumination |
| 5 Configurations from 2 to 220x magnification | 10 ESD safe coating (optional) |

NexiusZoom

standard & EVO

Designed to be superior in accuracy and color reproduction. Furthermore, the highest possible resolution is reached with virtually no aberrations. Multilayer optical coatings ensure minimal light absorption and crisp images in every contrast method. Experience in ergonomics has resulted in microscopes allowing long working sessions without fatigue

Using additional lenses and objectives, magnifications from 2 up to 220 times can be achieved

NexiusZoom

EYEPIECES

Extended Wide Field HWF 10x eyepieces with 22 mm field of view and adjustable diopter on both eyepieces

HEAD

- Binocular or trinocular heads with 45° inclined tubes
- Both eyepieces have ± 5 diopter adjustments
- The interpupillary distance is adjustable between 54 and 75 mm

OBJECTIVE

- Zoom 1:6.7 objective for 6.7x to 45x magnifications
- Field of view from 35 to 4.2 mm
- Working distance of 110 mm
- Auxiliary lenses 0.3x, 0.4x, 0.5x, 0.75x, 1.5x and 2.0x are available
- Standard microscope magnification from 6.7x to 45x
- Configurations from 2x to 180x magnification

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

NexiusZoom EVO

EYEPIECES

Extended Wide Field HWF 10x eyepieces with 23 mm field of view and adjustable diopter on both eyepieces

HEAD

- Binocular or trinocular heads are with 45° inclined tubes
- Both eyepieces have ± 5 diopter adjustments
- The interpupillary distance is adjustable between 54 and 75 mm

OBJECTIVE

- Zoom 1:8.4 objective for 6.5x to 55x magnifications
- Field of view from 33 to 4.9 mm
- Working distance of 110 mm
- Additional lenses 0.3x, 0.4x, 0.5x, 0.75x, 1.5x and 2.0x are available
- Standard microscope magnification from 6.5x to 55x
- Configurations from 2x to 220x magnification

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



The newly optimized Greenough Optical System offers more depth of focus without compromising on low distortion and color aberration

NexiusZoom stands

The NexiusZoom stereo microscopes are supplied with a large choice of objectives and stands. Long working distances enable working comfortably under the microscope. Ideal for education, laboratories and industry

The NexiusZoom stands can be combined with both NexiusZoom and NexiusZoom EVO binocular and trinocular heads. Choose your system from the pre-combined sets or combine a microscope head with the stand of your choice



S stand (4)

Ergonomic flat rack and pinion stand, including incident and transmitted 3 W LED illumination, built-in 100-240 V power supply. Both illumination intensities can be adjusted separately. Maximum object height 58 mm. Including 76 mm head holder
NZ.9010

PG stand (5)

Ergonomic pillar stand including two incident LED illuminations with self-sustaining Goosenecks and one transmitted 3 W LED illumination. Built-in 100-240 V power supply. Maximum object height 148 mm. Including 76 mm head holder
NZ.9018



P stand (1)

Ergonomic flat pillar stand, including incident and transmitted 3 W LED illumination, built-in 100-240 V power supply. Both illumination intensities can be adjusted separately. Maximum object height 148 mm. Including 76 mm head holder
NZ.9015

U stand (2)

Universal single-arm stand for free observation of (large) objects. Mounted on a heavy base for maximum stability. Supplied without illumination. However, a wide range of illumination systems is available. Maximum object height 213 mm. NZ.9090 or NZ.9095 head holder
NZ.9020

M stand (3)

Ergonomic pillar stand with rotating mirror for oblique darkfield illumination. Especially developed for embryo collection and transfer. 3 W LED, built-in 100-240 V power supply, both illumination intensities can be adjusted separately. Maximum object height 148 mm. Including 76 mm head holder
NZ.9042



NexiusZoom

models & magnifications

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

MODELS	Bino	Trino	Pillar stand (-P)	Rack & pinion stand (-S)	Universal stand (-U)	Boom stand on heavy base plate (-B)	Boom stand on table clamp (-BC)	Articulated arm stand on table clamp (-A)	Articulated arm stand on heavy base plate (-AP)	Gooseneck dual LED (-PG)	Mirror LED (-M)	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 0.65X - 5.5X (HWF 10X/23MM)

MODELS	Bino	Trino	Pillar stand (-P)	Rack & pinion stand (-S)	Universal stand (-U)	Boom stand on base plate (-B)	Boom stand on table clamp (-BC)	Articulated arm stand on table clamp (-A)	Articulated arm stand on base plate (-AP)	Gooseneck dual LED (-PG)	Mirror LED (-M)	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

COMPATIBILITY TABLE AUXILIARY LENSES

MODELS	0.3x magnification	0.4x magnification	0.5x magnification	0.75x magnification	1.5x magnification	2x magnification
NZ.9000/9005			•	•	•	•
NexiusZoom-P, -M, -PG			•	•	•	•
NexiusZoom-P ESD			•	•	•	•
NexiusZoom-S				•	•	
NexiusZoom-S ESD				•	•	
NexiusZoom-A, -AP		•	•	•	•	•
NexiusZoom-U, -B, -BC		•	•	•	•	•
NexiusZoom-U-ESD, -B-ESD		•	•	•	•	•

NEXIUSZOOM ESD 0.67X - 4.5X (HWF 10X/22MM)

MODELS	Binocular	Trinocular	Pillar stand (-P)	Rack & pinion stand (-S)	Universal stand (-U)	Boom stand (-B)	Weight (kg)
NZ.1902-P-ESD	•		•				5.0
NZ.1902-S-ESD	•			•			4.9
NZ.1902-U-ESD	•				•		15.6
NZ.1902-B-ESD	•					•	22.1
NZ.1903-P-ESD		•	•				5.2
NZ.1903-S-ESD		•		•			5.1
NZ.1903-U-ESD		•			•		15.7
NZ.1903-B-ESD		•				•	22.2

Magnifications

NexiusZoom standard & ESD: Working distance and field of view with standard HWF 10x / 22 High Wide Field eyepieces

Zoom indication	Auxiliary lens 0.3x WD 287 mm		Auxiliary lens 0.4x WD 220 mm		Auxiliary lens 0.5x WD 183 mm		Auxiliary lens 0.75x WD 105 mm		Objective 1x (standard) WD 110 mm		Auxiliary lens 1.5x WD 53 mm		Auxiliary lens 2x WD 34 mm	
	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm
0.67	2.0	109.5	2.7	82.1	3.35	65.7	5.0	43.8	6.7	32.8	10.1	21.9	13.4	16.4
0.7	2.1	104.8	2.8	78.6	3.5	62.9	5.3	41.9	7.0	31.4	10.5	21.0	14.0	15.7
0.8	2.4	91.7	3.2	68.8	4.0	55.0	6.0	36.7	8.0	27.5	12.0	18.3	16.0	13.8
1.0	3.0	73.3	4.0	55.0	5.0	44.0	7.5	29.3	10.0	22.0	15.0	14.7	20.0	11.0
1.5	4.5	48.9	6.0	36.7	7.5	29.3	11.3	19.6	15.0	14.7	22.5	9.8	30.0	7.3
2.0	6.0	36.7	8.0	27.5	10.0	22.0	15.0	14.7	20.0	11.0	30.0	7.3	40.0	5.5
3.0	9.0	24.4	12.0	18.3	15.0	14.7	22.5	9.8	30.0	7.3	45.0	4.9	60.0	3.7
4.0	12.0	18.3	16.0	13.8	20.0	11.0	30.0	7.3	40.0	5.5	60.0	3.7	80.0	2.8
4.5	13.5	16.3	18.0	12.2	22.5	9.8	33.8	6.5	45.0	4.9	67.5	3.3	90.0	2.4

NexiusZoom EVO: working distance and field of view with standard High Wide Field (HWF) 10x / 23 eyepieces

Zoom indication	Auxiliary lens 0.3x WD 287 mm		Auxiliary lens 0.4x WD 220 mm		Auxiliary lens 0.5x WD 183 mm		Auxiliary lens 0.75x WD 105 mm		Objective 1x (standard) WD 110 mm		Auxiliary lens 1.5x WD 53 mm		Auxiliary lens 2x WD 34 mm	
	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm	Total mag.	FoV in mm
0.65	1.95	117.9	2.6	88.5	3.25	70.8	4.9	47.2	6.5	35.4	9.8	23.6	13.0	17.7
1.0	3.0	76.7	4.0	57.5	5.0	46.0	7.5	30.7	10.0	23.0	15.0	15.3	20.0	11.5
1.5	4.5	51.1	6.0	38.3	7.5	30.7	11.3	20.4	15.0	15.3	22.5	10.2	30.0	7.7
2.0	6.0	38.3	8.0	28.8	10.0	23.0	15.0	15.3	20.0	11.5	30.0	7.7	40.0	5.8
2.5	7.5	30.7	10.0	23.0	12.5	18.4	18.8	12.3	25.0	9.2	37.5	6.1	50.0	4.6
3.0	9.0	25.6	12.0	19.2	15.0	15.3	22.5	10.2	30.0	7.7	45.0	5.1	60.0	3.8
3.5	10.5	21.9	14.0	16.4	17.5	13.1	26.3	8.8	35.0	6.6	52.5	4.4	70.0	3.3
4.0	12.0	19.2	16.0	14.4	20.0	11.5	30.0	7.7	40.0	5.8	60.0	3.8	80.0	2.9
4.5	13.5	17.0	18.0	12.8	22.5	10.2	33.8	6.8	45.0	5.1	67.5	3.4	90.0	2.6
5.0	15.0	15.3	20.0	11.5	25.0	9.2	37.5	6.1	50.0	4.6	75.0	3.1	100.0	2.3
5.5	16.5	13.9	22.0	10.5	27.5	8.4	41.3	5.6	55.0	4.2	82.5	2.8	110.0	2.1

WD = working distance, OH = object height, FoV = Field of view, Total mag. = total magnification



NZ.8903

NZ.8904

NZ.8905

NZ.8907

NZ.8915

NZ.8920

NexiusZoom



EUROMEX MICROSCOPEN BV

is a leading manufacturer of microscopes and other optical instruments. Founded in 1966, Euromex has become a world-class supplier of biological and stereo microscopes

The corporate office is based in Duiven, The Netherlands. A facility with a 2.000 m² conditioned logistics warehouse, an opto-mechanical workshop, an R&D department and a high-level quality control department

Around the world, Euromex operates in more than 80 countries through distributors, resellers and agents. A wide variety of customers such as schools and educational institutes, clinical and research laboratories and a broad range of industrial customers are using Euromex microscopes

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ISO 13485 is the medical device industry's most widely used international standard for quality management. Issued by the International Organization for Standardization (ISO), the ISO 13485 standard is an effective solution to meet the comprehensive requirements for a quality management system in the medical device industry



ISO 9001 The Euromex Quality System is certified according to ISO 9001:2015 and supports our pursuit of continuous improvement and our on-going commitment to provide our world-wide customers assurance of product quality

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