

Stereomicroscope I/b with triple quick changer

Stereo zoom microscope IV/b





Stereomicroscope I/b with triple quick changer

The instrument is designed on the Greenough principle and equipped with three objective pairs. Rapid and smooth change between the magnifications 2×, 4× and 8× with a knob. The working distance is always 56 mm, which offers sufficient space for manipulations under the microscope even at highest magnification.



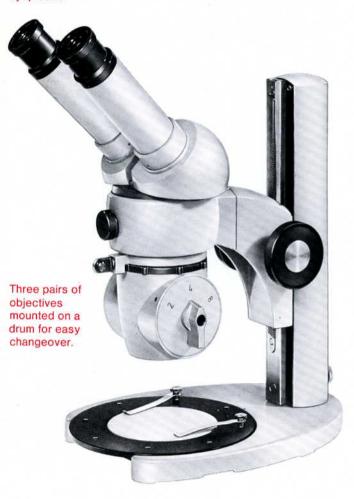
Stereo zoom microscope IV/b

The instrument is equipped with a $0.8...5 \times$ zoom system (zoom ratio 1:6). With the wide-angle, high-eyepoint eyepieces $10 \times /25$ the magnification can be continuously varied between $5 \times$ and $80 \times$. The free working distance is always 84 mm; it can be changed to 127 mm with the auxiliary lens $0.5 \times$ and to 17 mm with the auxiliary lens $2 \times$.

Stepwise or continuous magnific

Stereomicroscope I/b

Basic equipment.
Rotatable binocular tube for any desired viewing direction.
Higher total magnifications by exchange of eyepieces.





ZEISS stereomicroscopes enjoy world renown, above all because of great optics which ensure large fields of view, high resolution, excellent depth of field and three-dimensional perception, and precision-crafted mechanics which ensure easy operation and long life.

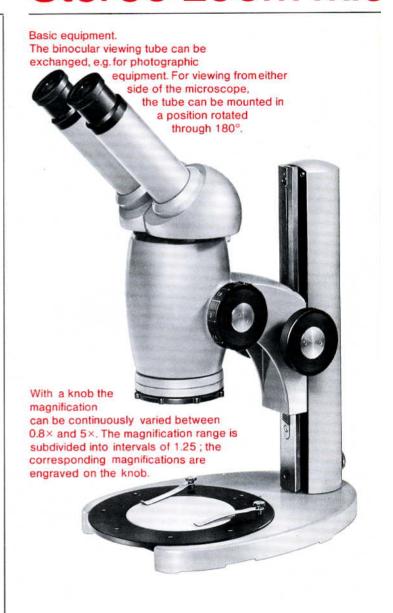
The applications of ZEISS stereomicroscopes are manifold and include industry - where they are applied for inspection and

control purposes - zoology, botany and medicine, mineralogy, gemmology, criminalistics, numismatics, and philately; they have also proved their worth in the restoration of paintings.

ation change for easy observatio

Diffuse illuminator for reflected and transmitted light (49 50 58). 6 V 15 W low-voltage filament lamp (49 50 53) for reflected and transmitted light.

Stereo zoom mic



The extensive line of ZEISS stereomicroscopes also comprises the type 02 with fixed 2× magnification, the type I with seven exchangeable objective pairs, and the zoom type III with a zooming range

from $1 \times$ to $4 \times$. (For more details see catalog 41-600).

tion and exact detail recognition

nicroscope IV/b





Stereomicroscope I/b







The total magnification can be varied in addition by exchanging the eyepieces

Objective magnification/ aperture	Working distance mm		Eyepiece magnification/ field-of-view number 4×/30 10×/20 W 10×/25 Br W 16×/16 Br 25×/10				
2/0.05	56	magnification object field mm	8× 15	20× 10	20× 12.5	32× 8	50×
4/0.08	56	magnification object field mm	16× 7.5	40× 5	40× 6.25	64× 4	100× 2.5
8/0.12	56	magnification object field mm	32× 3.75	80× 2.5	80× 3.1	128× 2	200× 1.25

W=wide-angle eyepiece

Br=high-eyepoint eyepiece

Stereomicroscope I/b

Recommended equipment for reflected and transmitted-light examinations (illustration see front cover page)

Stereomicroscope I/b with triple quick changer for the objectives 2/0.05 - 4/0.08 - 8/0.12

Stand type F with focusing drive

Stage carrier*

Plain circular stage with exchangeable central part, one glass plate and two stage clips

Transillumination insert with plano-concave mirror*

Wide-angle, high-eyepoint eyepieces W 10×/25 Br (2 pces.)

Eyecups (2 pces.)

Dust cover

* These items are not required for reflected-light examinations.



Stereo zoom microscope IV/b

Eyepiece	Objective combination	Magnification	Object-field dia. (mm)	
magnification/ field-of-view number	Combination	ranges	uia. (IIIII)	
4×/30	+ auxiliary lens 0.5×	1.6 10×	75 12	
	zoom system only	3.2 20×	37.5 6	
	+ auxiliary lens 2×	6.4 40×	18.8 3	
10×/20	+ auxiliary lens 0.5×	4 25×	50 8	
	zoom system only	8 50×	25 4	
	+ auxiliary lens 2×	16 100×	12.5 2	
W 10×/25Br	+ auxiliary lens 0.5×	4 25×	62.5 10	
	zoom system only	8 50×	31 5	
	+ auxiliary lens 2×	16 100×	15.6 2.5	
W 16×/16	+ auxiliary lens 0.5×	6.4 40×	40 6.4	
	zoom system only	12.4 80×	20 3.2	
	+ auxiliary lens 2×	25.6 160×	10 1.6	
25×/10	+ auxiliary lens 0.5 ×	10 63×	25 4	
	zoom system only	20 125×	12.5 2	
	+ auxiliary lens 2×	40 250×	6.2 1	
Working distances:	127 mm with auxiliary lens 0.5×		Z 11 () Z - 2 15 (2 L L L	
可能的 法国际的现在分词	84 mm with zoom system only			
	17 mm with auxiliary lens 2×			
W=wide-angle eveniece	Br=high-evenoint eveniece	NAME OF TAXABLE PARTY.		

Stereo zoom microscope IV/b

Recommended equipment for reflected and transmitted-light examinations (illustration see front cover page)

Stereomicroscope IV/b with zoom system 0.8 ... 5×

Binocular viewing tube

Main objective f = 100 mm

Stand type F with focusing drive

Stage carrier*

Plain circular stage with exchangeable central part, one glass plate and two stage clips

Transillumination insert with plano-concave mirror*

Wide-angle, high-eyepoint eyepiece W 10×/25 Br (2 pces.)

Eyecups (2 pces.)

Dust cover

Cat. No. 49 50 32

 These items are not required for reflected-light examinations.