

Stemi SV 6 and Stemi SV 11 Stereomicroscopes



Modular, flexible,
convenient.



Stemi SV 6 and Stemi SV 11 – The Stereomicroscopes That Grow With Your Assignments.

The series SV stereomicroscopes are of the single-objective (telescope) type. Thanks to their mature modular design they optimally adapt to the job in hand.

This is an advantage which users in research and demanding routine applications will appreciate, not least for economical reasons.

Start with an affordable basic configuration and retrofit features later on as your requirements vary. A Stemi SV is the perfect tool that grows with your tasks.

Perfect is the word that also applies to the 3D images you get with **Stemi SV 6** and **SV 11**.

Their high optical quality and mechanical precision are backed by a long tradition of stereomicroscope making at Carl Zeiss.



For The Vicissitudes Of Life.

Modular design. Flexibility. Purpose-oriented selection of optical components. Use of intermediate tubes and coaxial illuminating systems. The interfaces of the microscope body make **Stemi SV 6** and **SV 11** the ideal tool where you are constantly challenged with new, different assignments that demand new, different solutions. If you can have these solutions the easy way – so much the better.

Compact shape, convenient operation

- Narrow, compact design – makes the specimen readily accessible during preparation, examination and manipulation
- Ergonomic design – allows comfortable posture and unobstructed view of the specimen
- Variable viewing height – through binocular tubes with either 35° or 45° viewing angle. Plus 15° intermediate tube.

Zoom from overview to detail in no time

- Zoom range of **Stemi SV 6**: 0.8x to 5.0x (6.25:1)
- Zoom range of **Stemi SV 11**: 0.6x to 6.6x (11:1)
- Continuous or click-stop zooming – the latter is highly useful for standard magnifications or for reproducing a particular setting.

Perfect optics for every demand

- Achromat S: the objective to start with – economic and versatile
- Planachromat S: the professional's lens – undistorted, plane images
- Plan-Apochromat S: the specialist lens – perfect, true-color images
- Focusing wide-field eyepieces.

Plenty of accessories for all-round use

- Mounts, stands, stages
- Illuminators for reflected and transmitted light
- Contrasting by brightfield, darkfield, polarization, fluorescence
- Intermediate tubes for documentation (tracing, photography, video).

FI S Epi-Fluorescence Kit

Features of living organisms and their position in the specimen: The FI S Kit lets you see what you cannot see with white light.

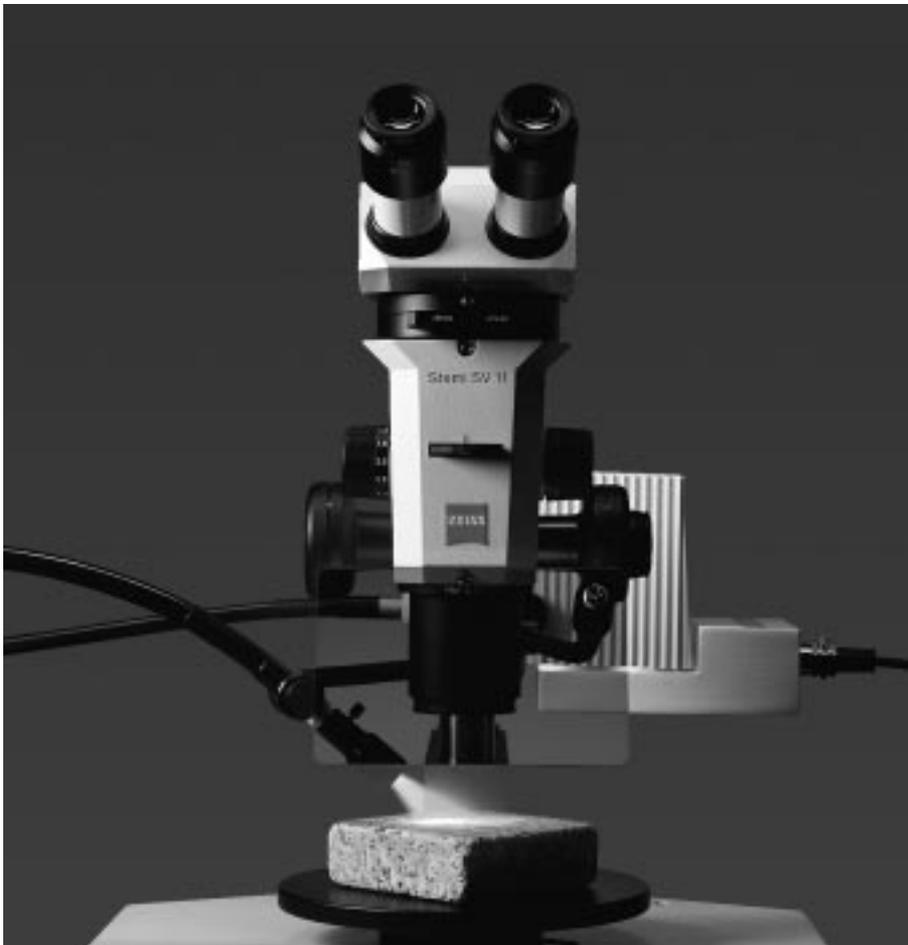
- External illumination from an HBO 50 or HBO 100 lamp
- Fast-changing filter sets for UV, green and GFP plus, GFP blue, GFP purple excitation
- Retrofitting accessories, fitting all SV series stereomicroscopes.





Stemi SV 6 Stereomicroscope with Reflected-Light Illuminator (KL 200) and Specimen Carousel S

Do your specimens a good turn: The model S circular specimen carousel accommodates up to 24 specimens, making them accessible to examination in a fast and elegant manner, without risk of damage. With similarly amazing ease, every Stemi can be equipped for a wide range of applications. It's simply the ideal stereomicroscope for museums, expositions, education, and training.



Stemi SV 11 Stereomicroscope with FI S Epi-Fluorescence Kit

The new trend: Powerful fluorescence accessories to stereomicroscopes are increasingly in demand. Frequently, it is the very 3D quality of the images in conjunction with large object fields that predestine a stereomicroscope for fluorescence work. Generous working distances, with lots of space for manipulations – these are the features that provide excellent support in GFP (green fluorescence protein) applications.

Stemi SV 6, Stemi SV 11. Modular, flexible, convenient. Indeed.

Stemi SV 6 and Stemi SV 11 Stereomicroscopes. Proven versatility.

Stereomicroscopy in biological, medical or materials research is seldom a matter of routine procedures. Rather, constantly changing assignments calling for different illuminating and contrasting methods are the order of the day.

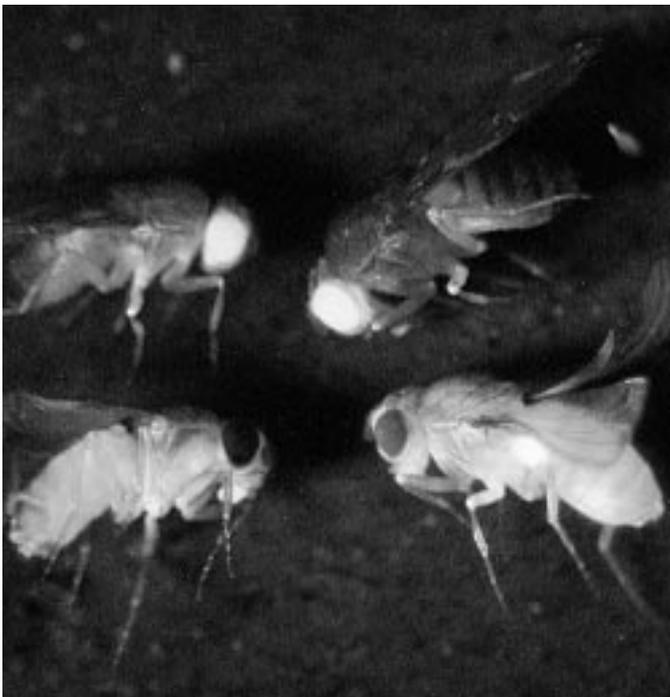
Applications like these call for stereomicroscopes of exceptional flexibility and quick adaptability to varying tasks – the very properties distinguishing the **Stemi SV 6** and **Stemi SV 11**, the versatility champions among stereomicroscopes.



Scissors in a case made of a poppyseed, darkfield transmitted light



Fungus culture, darkfield transmitted light



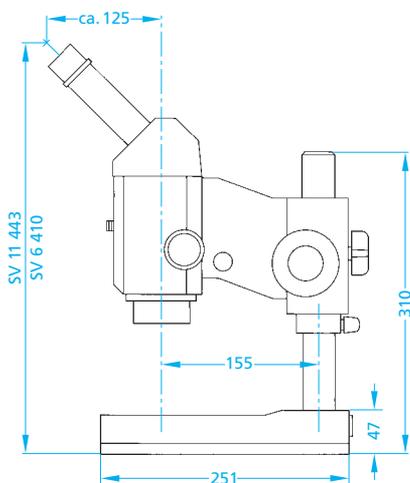
Drosophila (fruit fly), epi-fluorescence (GFP)



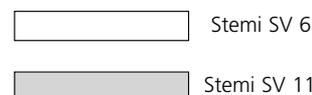
Fabric, brightfield transmitted light

Stemi SV 6 and Stemi SV 11 Stereomicroscopes. Specifications.

Objectives			Eyepieces							
Type	Factor	FWD (mm)	W10x/21 foc.		W-Pl 10x/23 Br. foc.		W-Pl 16x/16 Br. foc.		W 25x/10 foc.	
			Total magnifi.	Object cover.	Total magnifi.	Object cover.	Total magnifi.	Object cover.	Total magnifi.	Object cover.
Achromat S	0.3x	320	2.4x...15.0x	87.5...14.0	2.4x...15.0x	95.8...15.3	3.8x...24.0x	66.7...10.7	6.0x...37.5x	41.7...6.7
			1.8x...19.8x	116.7...10.6	1.8x...19.8x	127.8...11.6	2.9x...31.7x	88.9...8.1	4.5x...49.5x	55.6...5.1
	0.4x	250	3.2x...20.0x	65.6...10.5	3.2x...20.0x	71.9...11.5	5.1x...32.0x	50.0...8.0	8.0x...50.0x	31.3...5.0
			2.4x...26.4x	87.5...8.0	2.4x...26.4x	95.8...8.7	3.8x...42.2x	66.7...6.1	6.0x...66.0x	41.7...3.8
	0.63x	148	5.0x...31.5x	41.7...6.7	5.0x...31.5x	45.6...7.3	8.1x...50.4x	31.7...5.1	12.6x...78.8x	19.8...3.2
			3.8x...41.6x	55.6...5.1	3.8x...41.6x	60.8...5.5	6.0x...66.5x	42.3...3.8	9.5x...103.9x	26.5...2.4
	1.0x	92	8.0x...50.0x	26.3...4.2	8.0x...50.0x	28.8...4.6	12.8x...80.0x	20.0...3.2	20.0x...125.0x	12.5...2.0
			6.0x...66.0x	35.0...3.2	6.0x...66.0x	38.3...3.5	9.6x...105.6x	26.7...2.4	15.0x...165.0x	16.7...1.5
	1.6x	48	12.8x...80.0x	16.4...2.6	12.8x...80.0x	17.9...2.9	20.5x...128.0x	12.5...2.0	32.0x...200.0x	7.8...1.3
			9.6x...105.6x	21.9...2.0	9.6x...105.6x	23.9...2.2	15.4x...169.0x	16.7...1.5	24.0x...264.0x	10.4...1.0
	2.5x	27	20.0x...125.0x	10.5...1.7	20.0x...125.0x	11.5...1.8	32.0x...200.0x	8.0...1.3	50.0x...312.5x	5.0...0.8
			15.0x...165.0x	14.0...1.3	15.0x...165.0x	15.3...1.4	24.0x...264.0x	10.7...1.0	37.5x...412.5x	6.7...0.6
Plan-achromat S	0.63x	140	5.0x...31.5x	41.7...6.7	5.0x...31.5x	45.6...7.3	8.1x...50.4x	31.7...5.1	12.6x...78.8x	19.8...3.2
			3.8x...41.6x	55.6...5.1	3.8x...41.6x	60.8...5.5	6.0x...37.8x	42.3...3.8	9.5x...103.9x	26.5...2.4
Plan-apochromat S	1.0x	86	8.0x...50.0x	26.3...4.2	8.0x...50.0x	28.8...4.6	12.8x...80.0x	20.0...3.2	20.0x...125.0x	12.5...2.0
			6.0x...66.0x	35.0...3.2	6.0x...66.0x	38.3...3.5	9.6x...105.6x	26.7...2.4	15.0x...165.0x	16.7...1.5
Plan-apochromat S	1.0x	80	8.0x...50.0x	26.3...4.2	8.0x...50.0x	28.8...4.6	12.8x...80.0x	20.0...3.2	20.0x...125.0x	12.5...2.0
			6.0x...66.0x	35.0...3.2	6.0x...66.0x	38.3...3.5	9.6x...105.6x	26.7...2.4	15.0x...165.0x	16.7...1.5
Plan-apochromat S	1.6x	39	12.8x...80.0x	16.4...2.6	12.8x...80.0x	17.9...2.9	20.5x...128.0x	12.5...2.0	32.0x...200.0x	7.8...1.3
			9.6x...105.6x	21.9...2.0	9.6x...105.6x	23.9...2.2	15.4x...169.0x	16.7...1.5	24.0x...264.0x	10.4...1.0



FWD = free working distance
Br. = with high eyepoint (for use with eyeglasses on)
foc. = focusable



Weights: SV 6 = 4.6 kg
SV 11 = 4.7 kg

**Microscopes from Carl Zeiss:
The Resolution to Succeed.**

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