

SSZ Series Stereo Zoom Microscope

Precision at its finest!. Using high grade optics and precise mechanical assembly; the SSZ Series provides you with clear and aberration free 3D images; which stay in focus throughout the entire magnification range. A 6.7:1 zoom ratio and 100mm working distance. Now with a 60° model available. A full range of eyepieces and auxiliary lenses are available. The SSZ Series trinocular system is now a **TRUE**



SZ-BD-T3



SZ-CP-05



SZ-BD-B2

TRINOCULAR video microscope, allowing you to view your sample through your eyepieces and on video simultaneously. Choose from one of our turn-key packages on the next page for your convenience.

| SSZ microscope body | |
|---------------------|--|
| SZ-BD-B2 | SSZ Stereo Zoom Binocular. 45° inclined observation tubes, 10x eyepieces |
| SZ-BD-B2-60 | SSZ Stereo Zoom Binocular. 60° inclined observation tubes, 10x eyepieces |
| SZ-BD-T3 | SSZ Stereo Zoom <i>True Trinocular</i> . 45° inclined observation tubes, 10x eyepieces |
| SZ-BD-T3-60 | SSZ Stereo Zoom <i>True Trinocular</i> . 60° inclined observation tubes, 10x eyepieces |
| SZ-BD-B2T | SSZ Binoc to <i>True Trinocular</i> converter |

| SSZ video couplers (video adapters) | |
|-------------------------------------|---------------------|
| SZ-CP-03 | 0.35x video coupler |
| SZ-CP-05 | 0.5x video coupler |
| SZ-CP-07 | 0.75x video coupler |
| SZ-CP-10 | 1.0x video coupler |
| SZ-CP-15 | 1.5x video coupler |
| SZ-CP-20 | 2.0x video coupler |

All SSZ microscope packages come standard with a 45° inclined microscope.



SZ-600

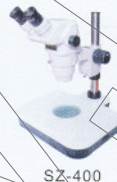
| SSZ microscope on boom stand | |
|------------------------------|------------------------------|
| CO-SZ-600 | SSZ binocular on boom stand |
| CO-SZ-600T | SSZ trinocular on boom stand |



SZ-500

| SSZ microscope on articulating arm | |
|------------------------------------|------------------------------------|
| CO-SZ-500 | SSZ binocular on articulating arm |
| CO-SZ-500T | SSZ trinocular on articulating arm |

| SSZ microscope on LED post stand | |
|----------------------------------|----------------------------------|
| CO-SZ-400 | SSZ binocular on LED post stand |
| CO-SZ-400T | SSZ trinocular on LED post stand |



SZ-400

| SSZ microscope on post stand | |
|------------------------------|------------------------------|
| CO-SZ-300 | SSZ binocular on post stand |
| CO-SZ-300T | SSZ trinocular on post stand |



SZ-300



SZ-200

| SSZ microscope on LED track stand | |
|-----------------------------------|-----------------------------------|
| CO-SZ-200 | SSZ binocular on LED track stand |
| CO-SZ-200T | SSZ trinocular on LED track stand |



SZ-100

| SSZ microscope on track stand | |
|-------------------------------|-------------------------------|
| CO-SZ-100 | SSZ binocular on track stand |
| CO-SZ-100T | SSZ trinocular on track stand |

SSZ Optical specifications

| Auxiliary Lens | Eyepieces | | | | | | | | | | Working Distance (mm) |
|----------------|---------------|--------------|---------------|-------------|---------------|------------|---------------|------------|-------------|-------------|-----------------------|
| | 10x | | 15x | | 20x | | 25x | | 30x | | |
| | Mag. | FOV mm | Mag. | FOV mm | Mag. | FOV mm | Mag. | FOV mm | Mag. | FOV mm | |
| 0.3 | 2.0x - 13.5x | 109.5 - 16.3 | 3.0x - 20.3x | 79.6 - 11.9 | 4.0x - 27.0x | 59.7 - 8.9 | 5.0x - 33.8 | 44.8 - 6.7 | 6x - 40.5x | 34.8 - 5.1 | 287 |
| 0.4 | 2.7x - 18.6x | 82.1 - 12.2 | 4.0x - 27.0x | 59.7 - 8.9 | 5.4x - 36.0x | 44.8 - 6.7 | 6.7x - 45.0 | 33.6 - 5.0 | 8x - 54x | 26.1 - 3.87 | 217 |
| 0.5 | 3.4x - 22.5x | 65.7 - 9.8 | 5.0x - 33.8x | 47.8 - 7.1 | 6.7x - 45.0x | 35.8 - 5.3 | 8.4x - 56.3 | 26.9 - 4.0 | 10x - 67.5x | 20.9 - 3.1 | 177 |
| 0.75 | 5.0x - 33.8x | 43.8 - 6.5 | 7.5x - 50.6x | 31.8 - 4.7 | 10.1x - 67.5x | 23.9 - 3.6 | 12.6x - 84.4 | 17.9 - 2.7 | 15x - 101x | 13.9 - 2.1 | 117 |
| 1 | 6.7x - 45.0x | 32.8 - 4.9 | 10.1x - 67.5x | 23.9 - 3.6 | 13.4x - 90.0x | 17.9 - 2.7 | 16.8x - 112.5 | 13.4 - 2.0 | 20x - 135x | 10.4 - 1.55 | 100 |
| 1.5 | 10.1x - 67.5x | 21.9 - 3.3 | 15.1x - 101.3 | 15.9 - 2.4 | 20.1x - 135.0 | 11.9 - 1.8 | 25.1x - 168.8 | 9.0 - 1.3 | 30x - 202x | 6.9 - 1 | 47 |
| 2 | 13.4x - 90.0x | 16.4 - 2.4 | 20.1x - 135.0 | 11.9 - 1.8 | 26.8x - 180.0 | 9.0 - 1.3 | 33.5x - 225.0 | 6.7 - 1.0 | 40x - 270x | 5.2 - .75 | 26 |