

SMZ645/660

Nikon®

**SMZ645
SMZ660**

**The New Standard for
Stereoscope Zoom
Microscopes**

Airtight.

- Prevents contamination from dust, oil, and water

Anti-mold.

- Can be used in hot, humid environments

Anti-electrostatic.

- Meets ESD requirements

Ergonomic

- For effortless observation

Stereoscopic Zoom Microscopes

High Magnification and Long Working Distances





SMZ645/660

Stereoscopic Zoom Microscopes

An easy-to-use design that lets you concentrate on observation

6.3X zoom ratio offers magnifications from 0.8X to 5X.

- By using twin zooming objective optics developed exclusively by Nikon, the SMZ645 and 660 incorporate a convenient 6.3X zoom ratio, enabling observations at just the right magnification.

A long working distance of 115mm (4.5 in.)

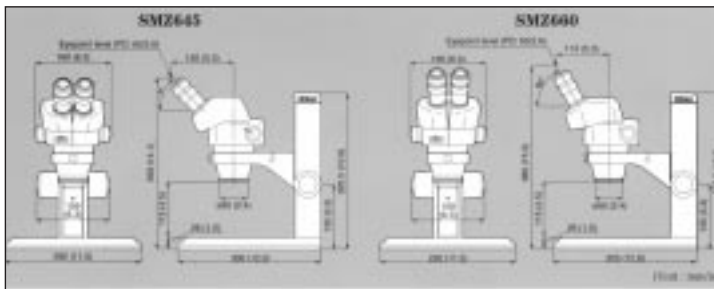
- The SMZ645 and 660 provide the longest working distances of any microscopes in their class.

Streamlined base allows operation without removing your hands from the microscope.

- The plain stand features a trim design that makes handling samples much easier. Moreover, the base has a wide front and smooth curves, allowing operators to work while resting their arms in a natural position.

New ergonomic auxiliary objective for correct eye-level positioning

- Nikon has also developed a new G-AL ERG ergonomic auxiliary objective that can be freely adjusted to match the operator's eye-level for comfortable viewing.



Specifications

Optical system	Twin zooming objective
Total magnification	4X to 300X depending on eyepiece and auxiliary objective used
Eyepiece inclination	SMZ645: 45° SMZ660: 60°
Interpupillary distance adjustment	52 to 75mm (2.0 to 3.0 in.)
Eyepiece (w/ diopter adjustment)	C-W10X (F.N. 22) C-W15X (F.N. 16) C-W20X (F.N. 12.5) C-W30X (F.N. 7)
Zooming range	0.8X to 5X
Zooming ratio	6.3 : 1
Auxiliary objectives (working distance)	G-AL0.5X (211mm/8.3 in.) G-AL0.7X (150mm/5.9 in.) G-AL1.5X (61mm/2.4 in.) G-AL2X (43.5mm/1.7 in.) G-AL ERG 0.77X-1.06X (102-48mm/4.0-1.9 in.)
Working distance	115mm (4.2 in.)
Illumination systems	G-LS 6V-10W Illuminator 6V-20W Illumination System (with 6V-20W Lamphouse) 150W Fiber Optic Light Source with single or double light pipes or ringlight 30W Fiber Optic Light Source with single light pipe Fiber optic cable and adapter, 150W illumination for C-DS Diascopic stands C-Fluorescent Ringlight
Stands	C-PS Plain Focusing Stand C-DS Diascopic Stand S Large Stage Stand (special order) Universal table stand US3 C-US1 Universal Table Clamp Stand C-US2 Universal Table Stand 2
Antistatic function	Discharge time: less than 0.2 sec.
Airtight construction	JIS dew prevention standard Type 1 compliant

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Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 2000.

