



## Nikon SMZ800 Specifications

<b>Optical System:</b>	Parallel Optical Zoom System
<b>Zoom Range:</b>	1x to 6.3x
<b>Zoom Ratio:</b>	6.3:1
<b>Total <a href="#">Magnification</a>:</b>	5x to 378x depending on eyepiece and objective used (7.5x to 525x when coaxial episcopic illuminator is attached)
<b>Distance between Optical Axes:</b>	22mm
<b>Zooming Knob:</b>	Coaxial control knobs on both sides, with clickstops (on/off), <a href="#">magnification</a> indicated
<b>Aperture Diaphragm:</b>	(Option)
<b>Objective Lenses:</b>	P-Achro 0.5x, P-Plan 1x, P-ERG Plan 1x ERGO, P-Plan Apo 0.5x, ED Plan 0.75x, P-Plan Apo 1x, P-ED Plan 1.5x, P-ED Plan 2x
<b>Objective Mounting:</b>	Screw Mounting to Zoom Body: M58 x 1.25 internal diameter to accept accessories: M55 x 0.75 external diameter: diameter 60mm
<b>Eyepiece Tubes:</b>	Binocular Eyepiece Tube, 20° Inclination, Interpupillary Distance: 48-75mm
<b>Eyepiece Tubes:</b>	Low Eyelevel Eyepiece Tube, 20° Inclination, Interpupillary Distance: 48-75mm
<b>Eyepiece Tubes:</b>	Tilting Binocular Eyepiece Tube, 0 - 30° Inclination, Interpupillary Distance: 48-75mm
<b>Eyepiece Tube Mounting:</b>	54mm diameter; 60° round dovetail
<b>Eyepieces with Diopter Adjustment:</b>	C-W 10x (F.N. 22); C-W 15x (F.N.16); C-W 20x (F.N. 12.5); C-W 30x (F.N. 7)
<b>Focusing Mounts (Mount A):</b>	C-FMA Focusing Mount A, Ring Diameter: 76mm; Stroke: 40mm; Distance between center of <a href="#">focus</a> mount and center of post: 101mm; Diameter of opening for post: 24.5mm
<b>Focusing Mounts</b>	C-FMB Focusing Mount B, Ring Diameter: 76mm; Stroke: 50mm; Distance between center

For Republic of Ireland enquiries: email [info@unitech.ie](mailto:info@unitech.ie); phone: +353 (1) 4048300

For Northern Ireland enquiries: email [info@vectorscientific.co.uk](mailto:info@vectorscientific.co.uk); phone: +44 (0) 28 9044 8800



<b>(Mount B):</b>	of <a href="#">focus</a> mount and center of post: 148; Diameter of opening for post: 15.8mm
<b>Focusing Mounts (Mount C):</b>	C-FMB Focusing Mount C, Ring Diameter: 76mm; Stroke: 50mm; distance between center of coucous mount and center of post: 160mm; Diameter of opening for post: 32mm
<b>Stands:</b>	C-PS Plain Focusing Stand; C-PSC Compact Plain Focusing Stand; C-DS Diascopic Stand S; Duplex Epi/Dia Focusing Stand; C-PS160 Plain Stand; C-DSS Advanced Diascopic Stand; C-DSD Enhanced OCC (Oblique Coherent <a href="#">Contrast</a> ) Stand; C-BD <a href="#">Brightfield/Darkfield</a> Diascopic Stand; C-US-1 Universal Table Clamp Stand 1; C-US-2 Universal Table Stand 2; US-3 Universal Table Stand; P-THS Teaching Head Stand (requires P-THSS Teaching Bridge)
<b><a href="#">Illumination Systems:</a></b>	P-FLA2 FL Epi <a href="#">Fluorescence</a> Attachment with 4 position slider for up to 3 <a href="#">fluorescence</a> filter sets with one open position, optional photo/video port can be added to integrated beamsplitter; P-ICI2 Coaxial Episcopic Illuminator (12V/100W halogen) (Intermediate <a href="#">magnification</a> 1.5x); 150W High Intensity Fiber Optic Light Source, single and double gooseneck light pipes and ringlights available; 30W Fiber Optic Light Source (single gooseneck light pipe included), double gooseneck light pipes and ringlights available; G-LS 6V/10W Illuminator; G-LS 6V/10W Illuminator with articulated arm; 6V/20W Illuminator with articulated arm; C-Fluorescent Ring Illuminator with built-in transformer, intensity light switch; Epi- <a href="#">Fluorescence</a> Illumiantor with optional photo tube.
<b>Beamsplitters:</b>	P-IBSS Single Port Beamsplitter, Split: 100/100:0 100/50:50; P-IBSD Dual Port Beamsplitter, Split: 100/100:0/0, 50/50:50/50, 0/100:100/0
<b>P-THSS Teaching Bridge:</b>	Side-by-side (requires dedicated teaching bridge stand) (P-IDT Drawing Tube optional)

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