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TECHNOLOGY GROUP

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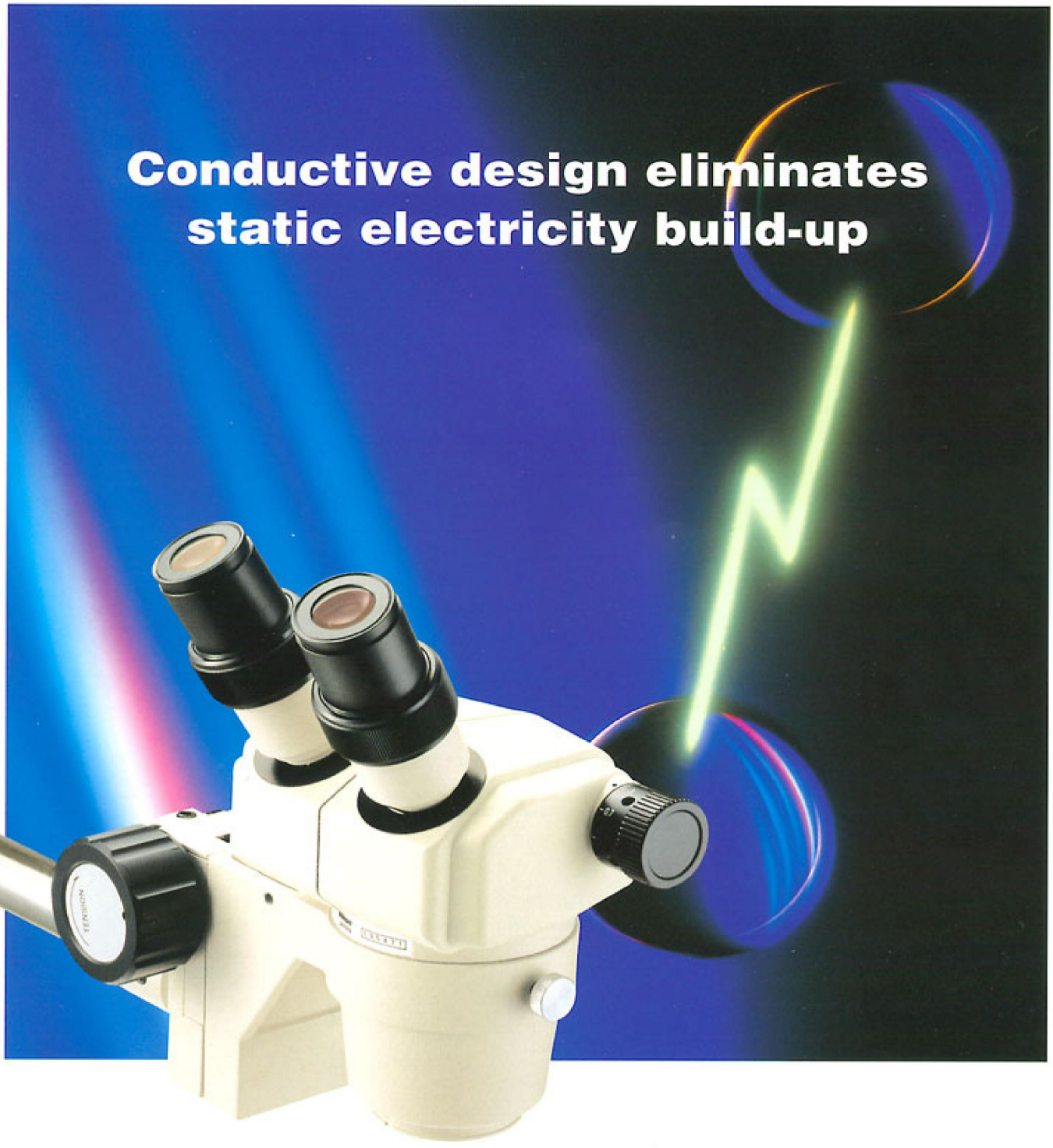
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Find the *Nikon SMZ-1* at our website: ***Click HERE***

Nikon

STEREOSCOPIC ZOOM MICROSCOPE

SMZ-1/1B ESD



SMZ-1/1B ESD

As the ESD in the name implies, Nikon's SMZ-1/1B ESD stereoscopic zoom microscopes are designed to eliminate destructive electrostatic discharge (ESD). This makes them ideally suited for work sites where sensitive electronic components, such as IC's or Magnetoresistive (MR) heads, are assembled and inspected.
From anti-electrostatic focusing knobs and eyepiece materials to special anti-electrostatic paint used throughout, Nikon ESD microscopes are safe for the most demanding tasks. Add to this Nikon's superb optical quality and rugged body construction and you have truly unrivaled performance.

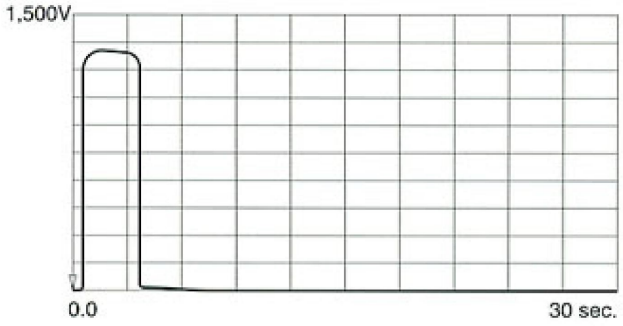
Specifications

	SMZ-1	SMZ-1B
Type	Twin zooming objective	
Total magnification	3.5X* – 198X	4X – 231X
	Depending on eyepiece and auxiliary objective lens used	
Eyepiece inclination	30° off vertical	45° off vertical
Eyepieces	Widefield 10X (F.N. 21)	
Optical system	Erect unreversed image, convergent angle 12°	
	Interpupillary distance adjustable from 54mm to 75mm	Interpupillary distance adjustable from 52mm to 75mm
	Eyepiece diopter separately adjustable (+6 -8 diopt.)	
Objective	0.7X – 3X (zoom ratio 4.28:1)	0.8X – 3.5X (zoom ratio 4.37:1)
Auxiliary objectives	0.5X, 0.7X, 1.5X, 2.0X	
Eyepiece tube	Rotatable 360°	
Available working distance	100mm, 181mm (with 0.5X auxiliary lens), 130mm (with 0.7X auxiliary lens), 50mm (with 1.5X auxiliary lens), 32.7mm (with 2.0X auxiliary lens)	
Focusing	Rack-and-pinion system	
Weight of zooming body	1.0kg	

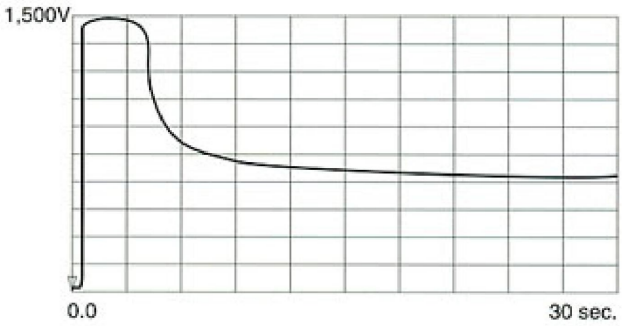
Two auxiliary objectives, 0.27X and 0.4X, specially designed for OEM requirements, are also available. With the 0.27X objective, the low magnification range is extended to 1.9X.

Charge Decay Time

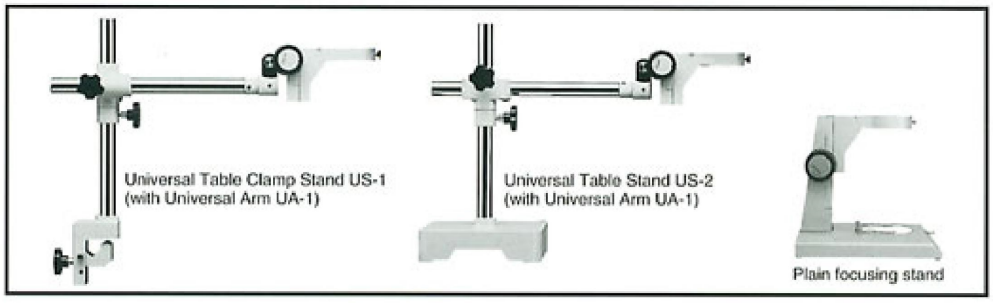
SMZ-1/1B ESD



SMZ-1/1B



Stand and Arm



ISO 9001 Certified
ISO 9001
NIKON CORPORATION
Instruments Division
Yokohama Plant

WARNING TO ENSURE CORRECT USAGE, READ THE CORRESPONDING MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 1998.

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NIKON CORPORATION
9-16, Ohi 3-chome, Shinagawa-ku, Tokyo 140, Japan
Tel: +81-3-3773-8122 Telex: 22601 (NIKON J) Telefax: +81-3-3773-8115
Nikon on the Net http://www.nikon.co.jp/

NIKON EUROPE B.V.
P.O. Box 222, 1170 AE Badhoevedorp, The Netherlands
Tel: +31-20-44-96-222 Telex: 13328 (NIKON NL) Telefax: +31-20-44-96-298

NIKON INC.
Sciences and Technologies Group
Instruments Division
1300 Walt Whitman Road, Melville, N.Y. 11747-3064, U.S.A.

NIKON CANADA INC.
CANADA Tel: +1-905-625-9910 Telefax: +1-905-625-0103

NIKON SINGAPORE PTE. LTD.
SINGAPORE Tel: +65-2978123 Telefax: +65-2978131

NIKON FRANCE S.A.
FRANCE Tel: +33-1-45-16-45-16 Telefax: +33-1-45-16-00-33

NIKON AG
SWITZERLAND Tel: +41-1-913-61-11 Telefax: +41-1-913-63-63

NIKON GmbH
GERMANY Tel: +49-211-9414-0 Telefax: +49-211-9414-322

NIKON UK LTD.
UNITED KINGDOM Tel: +44-181-541-4440 Telefax: +44-181-54

NIKON INSTRUMENTS S.p.A.
ITALY Tel: + 39-55-3009601 Telefax: + 39-55-300993

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