Specifications—SMZ800

Optical system Parall-optics zoom system

Total magnification 5X to 378X depending on eyepiece and objective used. (15X to 285X when coaxial episcopic illuminator is attached)

Eyepiece tubes Standard Binocular, Low Eye-level Binocular, Tilting Binocular

Eyepiece inclination 20° (Standard Binocular)/20° (Low Eye-level Binocular)/0-30° (Tilting Binocular)

Interpupillary distance adjustment 0-10.0 (1-3.0 in.)

Eyepieces (with dipter adjustment) C-W10X (F.N. 22), C-W16X (F.N. 16), C-W20X (F.N. 12.5), C-W30X (F.N. 7)

Zooming range 1X to 6.5X

Zooming ratio 6.3:1

Objectives P-Plan 1X, P-Achro 0.5X, P-ERG Plan 1X, ERG0, ED Plan 0.5X, 0.75X, 1X, 1.5X, 2X, ED Plan Apo 1X

Working distance Please refer to the table on the left

Illumination systems P-ICi Coaxial Episcopic Illuminator (15V-150W halogen). (Not usable with 0.5X or 2X objectives) Intermediate Magnification 1.6X G-16 3W-10W Illuminator G-16 3W-10W Illuminator with (G-EIA Articulated Supporting Arm or SMZ-U Articulated Arm)

C-8LS 6W-20W Illuminator with SMZ-U Articulated Arm 6W-20W SMZ-U Epi-Illuminator C-FPS Fluorescent Ring Illuminator SMZ-U Plastic Fiber-Optic Ring Illuminator R2 (15V-150W halogen)

SMZ-U Plastic Fiber-Optic Fibreconv Illuminator D2 (15V-150W halogen)

Stands C-FF Plane Focusing Stand C-FF Plane Focusing Stand S SMZ-U Stand D3 SMZ-U Diascop Stand 3 SMZ-T Bright-Darkfield Stand 2

SMZ-U Large Stage Stand (for 6X6 Stage, 12X8 Stage) SMZ-U Large Base Stand for Teaching Head

Focusing mount C-FMA Focusing Mount A, C-FMB Focusing Mount B, SMZ-10A Focusing Mount

Photometric/ CCTV system Nikon Photometric System FX-III Series or CCTV camera can be attached through Beam Splitter and Adapter (beam split ratio between Binocular and Phototube=100:50:50).

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 1999.

WARNING TO ENSURE CORRECT USAGE, READ THE CORRESPONDING MANUALS CAREFULLY BEFORE USE.

©1998 NIKON CORPORATION

NIKON INC.
Science and Technologies Group Instruments Division
1300 Walt Whitman Road, Melville, NY 11747-3064, U.S.A.
Tel: +1-516-547-8500 Telefax: +1-516-547-0306
Nikon on the Net http://www.nikonusa.com/