

SURGICAL MICROSCOPE SOLUTION FOR ALL DENTAL & ENT NEEDS

National Instrument Service Corporation is offering a top performing, most versatile surgical microscope system, model **NISS-99D Series**, offering:

- 3 types of stands: Wall Mount, Table Mount, or Mobile Stand
- Fiber Cable Light Source for brighter, more natural working light
- Secondary light back-up
- 3 styles of Binoculars: Straight, 45 Degree or Tilttable
- Digital Video Capture System with live feed to any computer system
- Focus Foot Control Pedal
- Great Optics with 5 Position Magnification Changer
- Extremely Affordable for any budget

**Complete
System with
Video for
under
\$11,999**

FOR MORE INFO CONTACT

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SPECIFICATIONS**NISS-99DS
w/ Inclined Bino****NISS-99DS
w/ Straight Bino****NISS-99DS
w/ Tiltable Bino**

MICROSCOPE			
Binoculars	45° inclined $f=125$ mm	Straight $f=160$ mm	45° inclined $f=125$ mm
Objective	$f=175$ mm with red reflex module	$f=300$ mm	$f=250$ mm
Eyepiece	12.5X, high-eyepoint, wide angular, pupil exit distance 21mm		
Diopter adjustment	-5D to +5D		
Magnification changer	5 steps: 0.4X, 0.6X, 1X, 1.6X, 2.5X		
Total magnifications	3.6X, 5.4X, 8.9X, 14.2X, 22.3X	2.8X, 4X, 7X, 11.5X, 17X	4X, 6X, 10X, 16X, 25X
Visual field	56 ~ 9 mm	60 ~ 10 mm	60 ~ 8 mm
Interpupillary distance	55mm to 75 mm		
Focusing	Micro-range of 40 mm Motorized, pedal operated	Micro-range of 40 mm Manual, (Motorized for option)	Micro-range of 40 mm Motorized, pedal operated
Working distance	167 mm	295 mm	245 mm
ILLUMINATION			
Type	Coaxial illumination by optical light-guide system		
Cold light source	Halogen lamp, 15V/150W, twin bulbs		
Illumination control	3 steps		
Field of illumination	50 mm	80 mm	70 mm
Power supply	AC 110V/220V ~ 200W		
Light intensity	80,000 LUX		
Filter	Green, Retinal protection device	Blue, Green	Yellow, Green
ARM, STAND			
Type	Pantographic arm, floor stand		
Range	1210mm (1 st arm 330mm, 2 nd arm 580mm, 3 rd arm 330mm)		
Rotation angle	270°		
Elevation stroke	350 mm		
Base size	600mm x 560mm		
Weight	75 kg		
ACCESSORIES			
Binoculars	—	—	0~60° tiltable binoculars $f=160$ mm
Eyepiece	10X, high-eyepoint, wide angular, pupil exit distance 21mm		
Objective	$f=200$ mm	$f=250$ mm, 400 mm	$f=300$ mm
Beam splitter	dismountable		
Adaptor for CCD	With iris diaphragm, $f=65$ mm		
Observer's monocular			
NOTE: Specifications subject to change without notice			

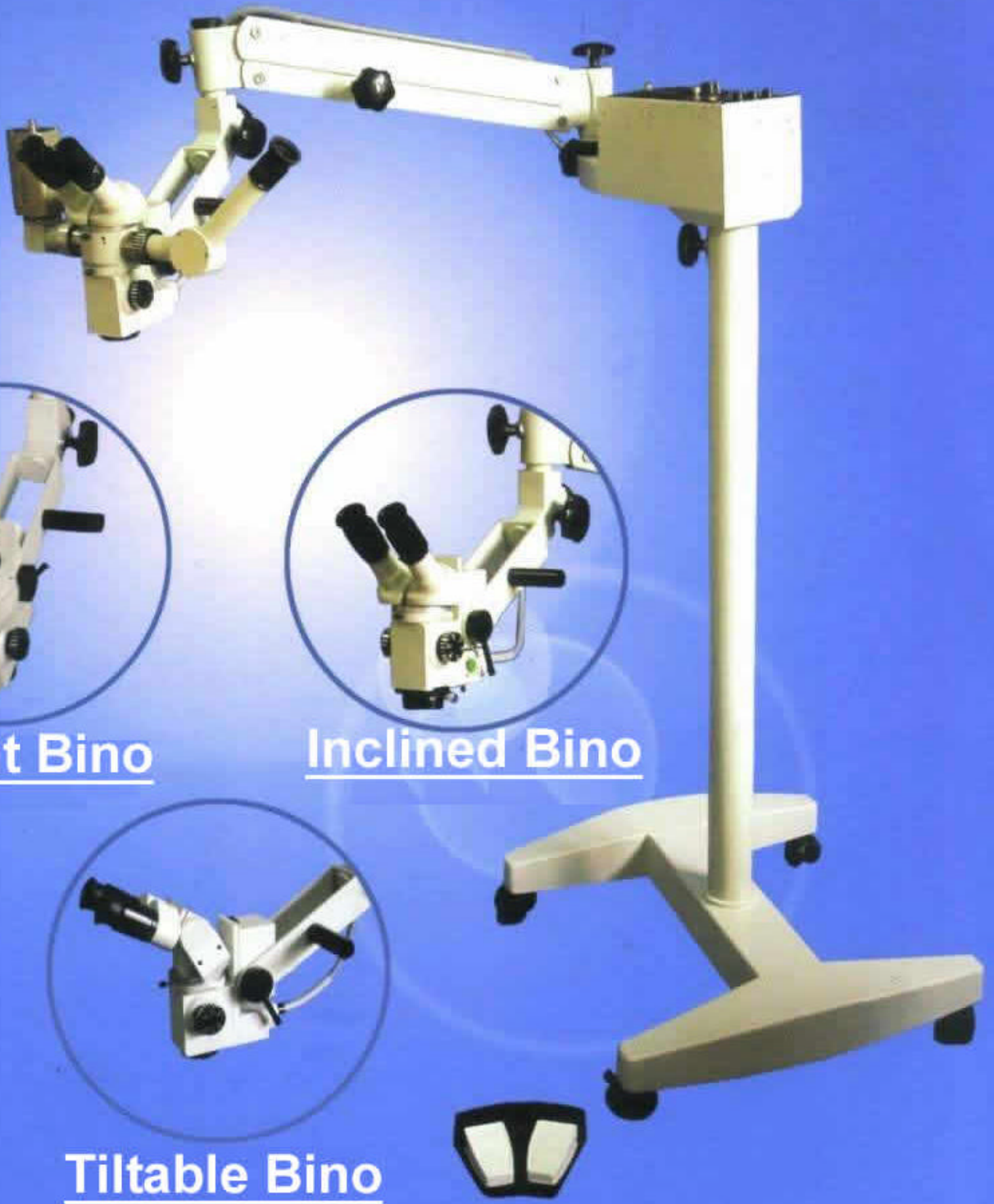


**Observer's monocular
Beam splitter & CCD Adaptor**



**Tiltable & inclined & straight binocular
Objective & Eyepiece**

NISS-99DS *series surgical microscope*



Straight Bino

Inclined Bino

Tiltable Bino

SPECIFICATIONS

NISS-99DW

NISS-99DT

MICROSCOPE		
Binoculars	Straight $f' = 160\text{mm}$	45° inclined binocular-Double
Objective	$f' = 300\text{mm}$	$f' = 200\text{mm}$
Eyepiece	12.5X, high-eyepoint wide angular, Pupil exit distance 21mm	12.5X, wide angular, Pupil exit distance 14.5mm
Diopter adjustment	-5D to + 5D	-5D to + 5D
Magnification changer	5 steps: 0.4X, 0.6X, 1X, 1.6X, 2.5X	
Total magnifications	2.8X, 4X, 7X, 11.5X, 17X	10X
Visual field	80mm to 12.5mm	27.5mm
Interpupillary distance	55 mm to 75 mm	
Focusing	Macro-control handle Micro-objective lens (20mm)	Micro-range of 40mm with manual adjustment of rack and pinion
Working distance	295mm	195mm
ILLUMINATION		
Type	Coaxial illumination by optical light-guide system	
Cold light source	Halogen lamp, 15V/150W	
Illumination control	3 steps	
Field of illumination	80mm	45mm
Power supply	AC 110V/220V - 200W	
Light intensity	80,000LUX	
Filter	Green	
ARM STAND		
Type	Pantographic, foldable arm wall-mounted	Pantographic arm table
Length	1st 350mm 2nd 450mm 3rd 450mm	1st 600mm 2nd 150mm
Rotation angel	180°	270°
Elevation stroke	≥ 450mm	≥ 350mm
Weight	18KG (net)	16KG (net)
ACCESSORIES		
Binoculars	45° , inclined 0 - 60° , tiltable	
Eyepiece	10X,high-eyepoint wide angular pupil exit distance 21mm	
Objective	$f' = 175\text{mm}, 200\text{mm}, 250\text{mm}, 400\text{mm}$	$f' = 250\text{mm}$
Beam splitter	dismountable	
Adaptor for CCD	With iris diaphragm, $f' = 65\text{mm}$	
NOTE: Specifications subject to change without notice		



NISS-99DW
Wall Mount



NISS-99DT
Table Mount



New!
observer's binocular

NISS-99D *series surgical microscope*



NISS-99DW



NISS-99DT