

SCIENSCOPE

5751 Schaefer Ave. Chino, CA 91710

Tel: (909)590-7273 Fax: (909)494-5513 Toll-Free: (800)216-1800 E-mail: info@scienscope.com

http://www.scienscope.com

DISTRIBUTED BY







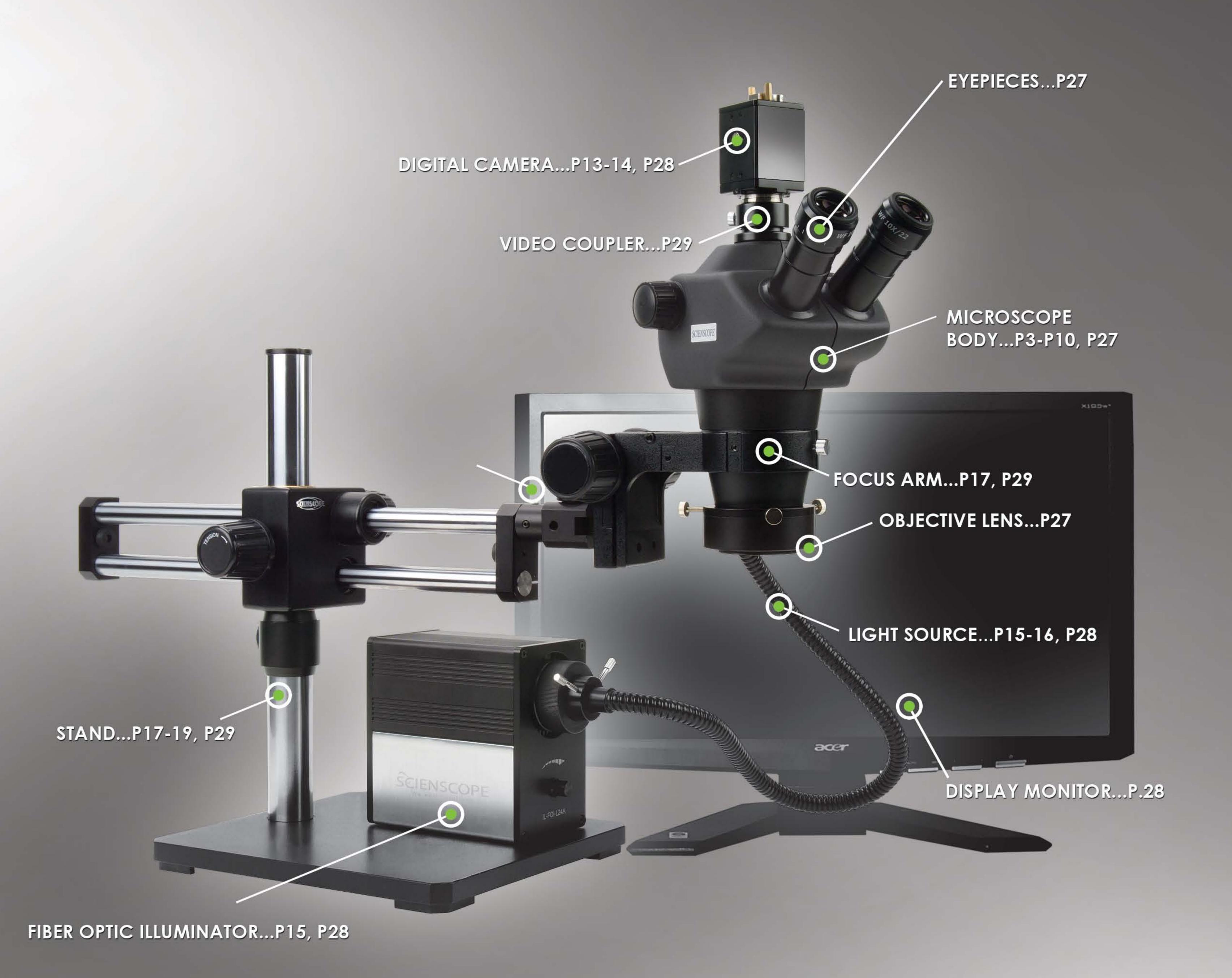
Anatomy of a Stereo Zoom Microscope System

A typical Stereo Zoom Trinocular System Configuration with direct output to the LCD monitor.

SCIENSCOPE pre-configured system packages can be found at P.21-30.

Please contact us if you are in need of a customized system setup that is not listed under our pre-configured system page.

We also offer on-site product demonstration and assistance.



Our NDT Solution.

ZOOM BODIES	
STEREO ZOOM	
ELZ Binocular Microscope BodyP. 3-4 SSZ-II Binocular Microscope BodiesP. 5-6 NZ Binocular Microscope BodiesP. 7-8 E Series Binocular Microscope BodiesP. 9-10 E Series Microscope Configuration ChartP. 11-1	0
DIGITAL CAMERAS	
Digital CamerasP. 13-1	4
LIGHT SOURCES	
LED Fiber Optic LightingP. 15 LED LightingP. 16	
BOOM STANDS and ARMS	
Arms and Boom StandsP. 17-18 Table Top StandsP. 19	
PRE-CONFIGURED SYSTEM PACKAGES	
ELZ Series Binocular SystemsP. 20 SSZ-II / NZ Binocular SystemsP. 21,2 SSZ-II / NZ Trinocular SystemsP. 23 NZ ESD Binocular and Trinocular SystemsP. 24 E-Series SystemsP. 25,2	
MICROSCOPE ACCESSORIES	
All accessoriesP. 27-2	29
CORPORATE INFORMATION	
CORPORATE PROFILE / WARRANTY INFORMATION / CONTACT INFORMATIONP. 30	ON



MICROSCOPE BODY FEATURES



Upgradable System

Available upgrades on eyepieces, objective Anti-mold and air-tight sealed body design lenses, light sources and many other microscope components allows flexible adaptation to your changing workflow.



Maintenance-Free

eliminates the need for regular maintenance construction, the ELZ outperforms many and adds additional reliability in most working environments.



High-quality Optics

Based on the NZ series microscope competitors in the compact category.

Compact & Cost Effective.

The ELZ microscope was designed specifically for entry level users or companies on a tight budget. High performance optics and a small easy-to-use package deliver a quality scope at a very affordable price.



Please see P. 20 for all ELZ System Packages.

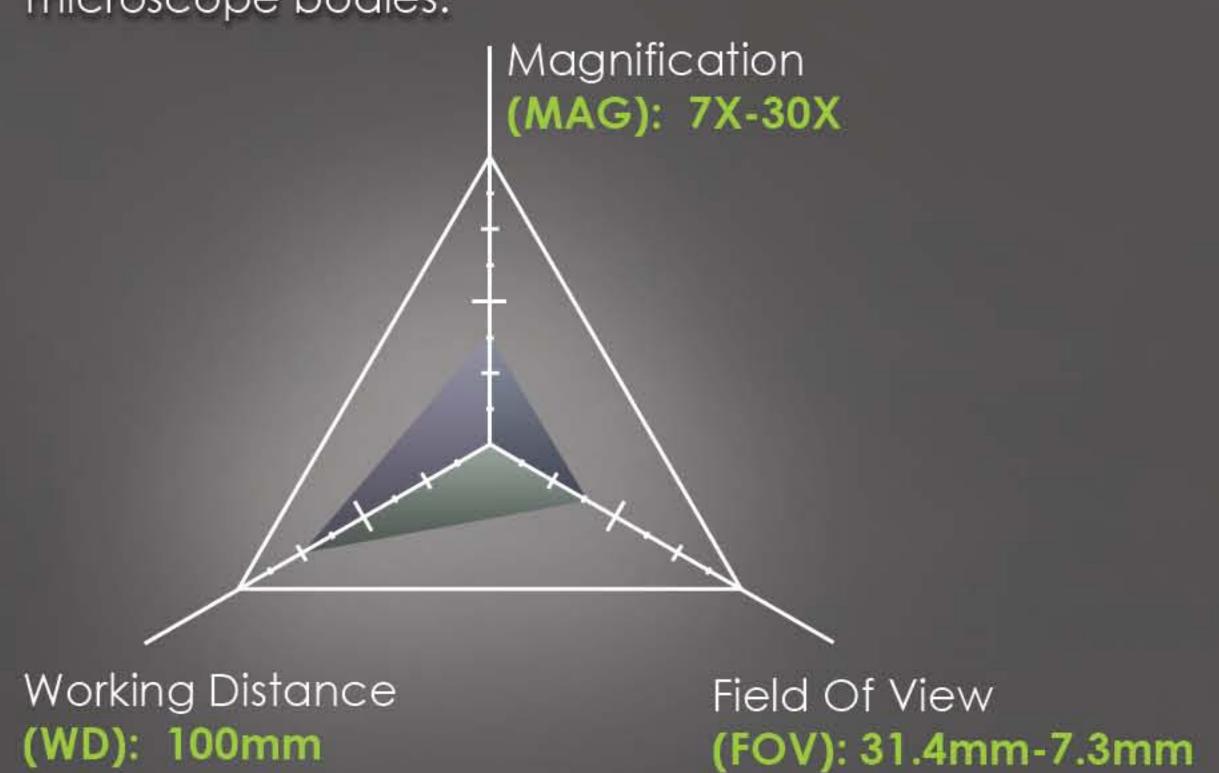
DATA SHEET

ELZ Body Specifications

Microscope body zo	om range 0.7X	-3X
Magnification	7X-30X (w/ 10X eyepiec	es)
Zoom Ratio	1:	4.3
Field of View 31.	4mm - 7.3mm (w/ 10X eyepiec	es)
Working Distance	100n	nm
Dioptric Adjustment		±5
Interpupillary Adjustn	ent 46-76r	nm
Eyepieces Inclination		60°
Microscope Rina Mo	ınt Diameter 76r	nm

Specification at a glance

Use the graph to compare this unit with other microscope bodies.



Above information is based on a ELZ microscope body with 10X eyepieces.



ELZ Binocular Optical Specifications

	Eyepieces						
Objective	10	X	15X		20X		Working
Ĺens	MAG	FOV (mm)	MAG	FOV (mm)	MAG	FOV (mm)	Distance
0.5X	3.5x-15x	66.9-15	5.3x-22.5x	4.6-11	7x-30x	36-8.3	177mm
DEFAULT (1X)	7x-30x	31.4-7.3	10.5x-45x	22.9-5.3	14x-60x	17.9-4.1	100mm
2X	14x-60x	16-3.7	21x-90x	11.4-8	28x-120x	9-6	26mm

*Included in standard packages.

OPTICAL MAGNIFICATION FORMULA

Total Magnification = (Mag. of Eyepieces) X (Mag. of objective zoom range on body) X (Mag. of objective lens)



SSZ-II series

STEREO ZOOM BINOCULAR/TRINOCULAR MICROSCOPES

Proven Performance.

SZ-PK9-AN Microscope Package shown above. Please see P. 21-23 for all SSZ-II System Packages.

MICROSCOPE BODY FEATURES



Precision CNC machined parts assembled to leading industry standards. Extends the life of the microscope and lowers service costs.



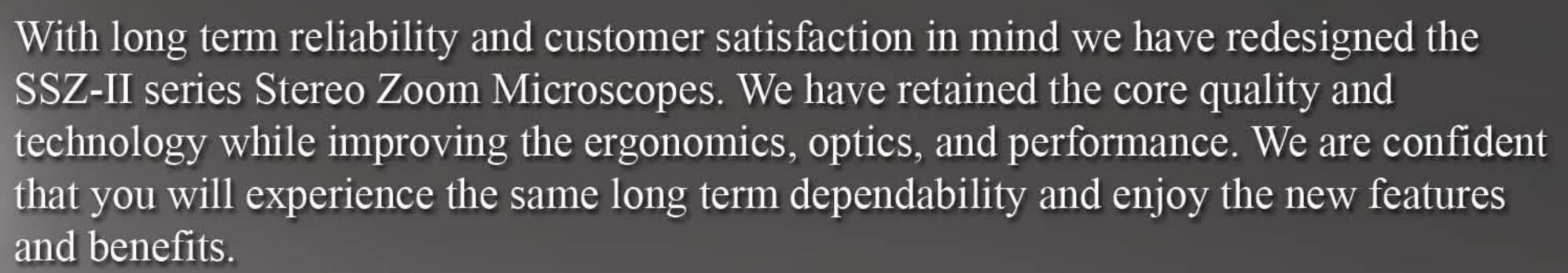
High point, lockable eyepieces and ergonomically located zoom control.



User-friendly & Ergonomic Excellent for documentation

Third view port allows video output; makes training and documenting your work a snap.

Precision CNC milled microscope.



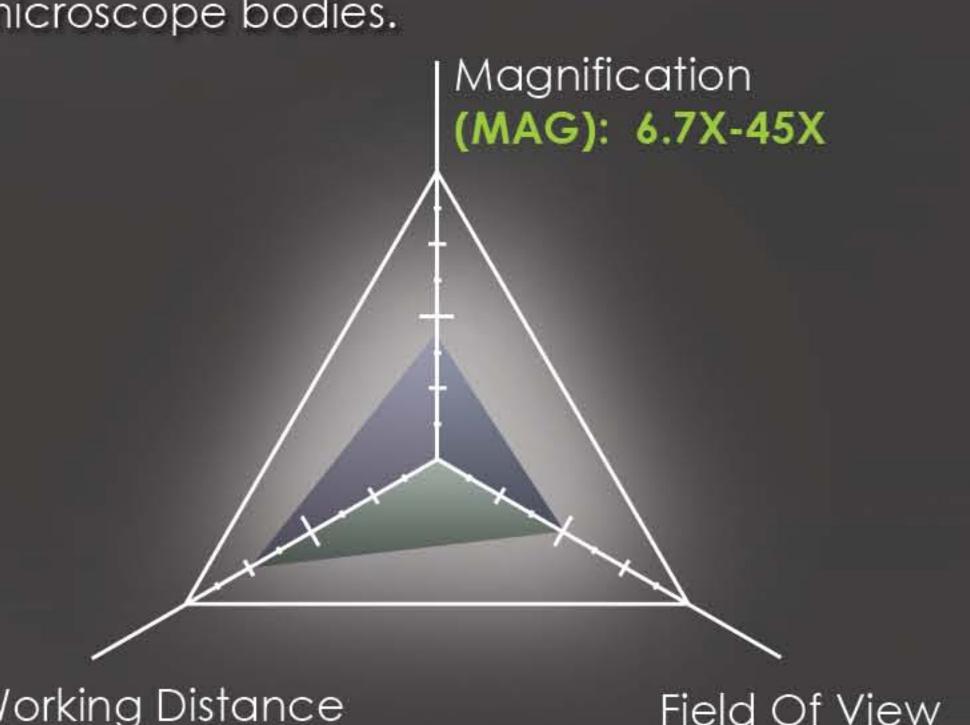
DATA SHEET

SSZ-II Body Specifications

Microscope body z	oom range	0.67X-4.5X
Magnification	6.7X-45X (w/ 10	X eyepieces)
Zoom Ratio		1:6.7
Field of View	32.8mm-4.9mm (w/ 10	X eyepieces)
Working Distance		100mm
Dioptric Adjustmen	t	±5
Interpupillary Adjus	tment	50-76mm
Eyepieces Inclination	on	45°
Microscope Rina M	ount Diameter	76mm

Specification at a glance

Use the graph to compare this unit with other microscope bodies.



Working Distance (WD): 100mm

Field Of View (FOV): 32.8mm-4.9mm

Above information is based on a SSZ-II microscope body with 10X eyepieces.

SSZ-II Binocular Optical Specifications -

		Eyepie	ces		
Objective	10>	<	20	Χ	Working
Lens	MAG	FOV (mm)	MAG	FOV (mm)	Distance
0.3X	2x-13.5x	109.5-16.3	4x-27x	59.7-8.9	287mm
0.4X	2.7x-18x	82.1-12.2	5.4x-36x	44.8-6.7	217mm
0.5X	3.4x-22.5x	65.7-9.8	6.7x-45x	35.8-5.3	177mm
0.75X	5x-33.8x	43.8-6.5	10.1x-67.5x	23.9-3.6	117mm
DEFAULT (1X)	6.7x-45x	32.8-4.9	13.4x-90x	17.9-2.7	100mm
1.5X	10.1x-67.5x	21.9-3.3	20.1x135x	11.9-1.8	47mm
2X	13.4x-90x	16.4-2.4	26.8x-180x	9-1.3	26mm

*Included in standard packages.

- SSZ-II Trinocular Video Specifications

- 33Z-II III	nocular video	specifica				
		Video	Couplers			
Objective	0.5		1X	1X		
Ĺens	MAG	FOV (mm)	MAG	FOV (mm)	Distance	
0.3X	7x-47.1x	100-13	14x-94.3x	60-8.6	287mm	
0.4X	9.4x-62.9x	75-10	18.7x-125.7x	45-6.5	217mm	
0.5X	11.7x-78.6x	60-8	23.4x-157.2x	36-5.2	177mm	
0.75X	17.5x-117.9x	40-5.3	35.1x-235.7x	24-3.5	117mm	
DEFAULT (1X)	23.4x-157.2x	30-4	46.8x-314.3x	18-2.6	100mm	
1.5X	35.1x-235.7x	20-2.6	70.2x-471.5x	12-1.8	47mm	
2X	46.8x-314.3x	15-2	93.6x-628.7x	9-1.3	26mm	

*Included in standard packages.

OPTICAL MAGNIFICATION FORMULA

Total Magnification = (Mag. of Eyepieces) X (Mag. of objective zoom range on body) X (Mag. of objective lens)

VIDEO MAGNIFICATION FORMULA

Total Magnification = (Mag. of CCD) X (Mag. of objective zoom range on body) X (Mag. of objective lens) X (Diagonal display)

E





MICROSCOPE BODY FEATURES



Precision Optics

Precision polished optics provide a clear and Air-tight and anti-mold construction. defined image for accurate inspection or manual assembly, micro-soldering, or dissection.



Maintenance-Free

Reduced need to perform regular maintenance saves money in overall costs and time.



True-Trinocular Body

True-Trinocular provides simultaneous image through eyepieces and camera port, Ideal for supervisor observation and training without mechanical difficulties.

High-performance microscope

The SCIENSCOPE NZ series stereo zoom microscopes were designed expressly to meet the requirements of users who demand superior features and higher performance optics from a stereo zoom microscope.

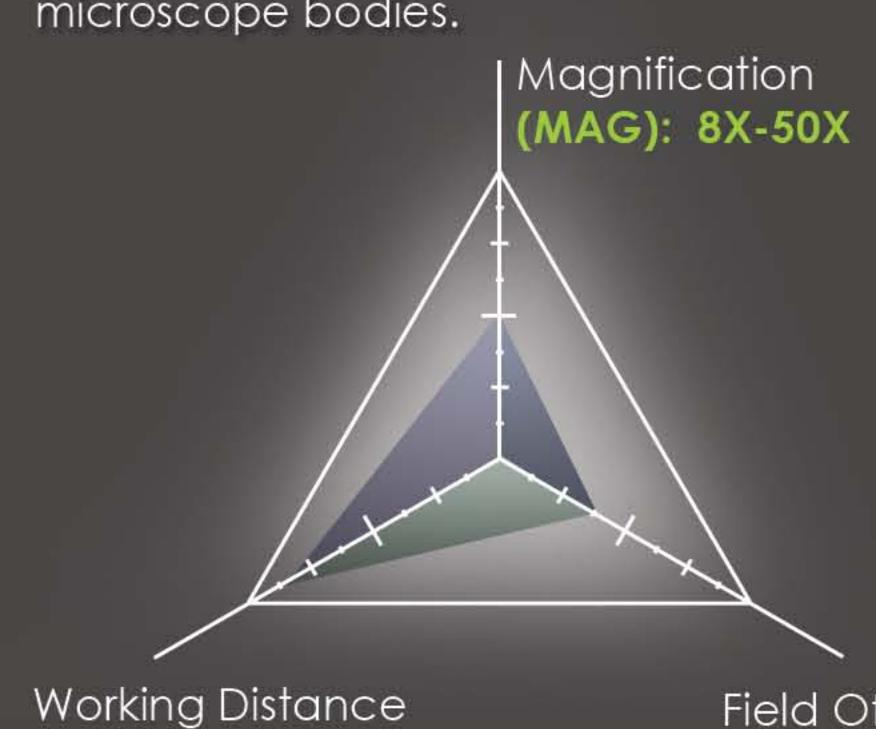
DATA SHEET

NZ Body Specifications

Microscope bod	y zoom range	0.8X-5X
Magnification	8X-50X (w/	10X eyepieces)
Zoom Ratio		1:6.3
Field of View	27.5mm-4.4mm (w/	10X eyepieces)
Working Distance)	115mm
Dioptric Adjustme	ent	±5
Interpupillary Adj	ustment	50-76mm
Eyepieces Inclina	ation	45°
Built-In Ring Light	Adapter Mount Diam	eter 76mm

Specification at a glance

Use the graph to compare this unit with other microscope bodies.



(WD): 115mm

Field Of View (FOV): 27.5mm-4.4mm

Above information is based on a NZ microscope body with 10X eyepieces.

NZ-PK7-LED Trinocular Microscope System Package shown above. Please see P.21-24 for all NZ system packages.

NZ Binocular Optical Specifications

	Eyepieces						
Objective	10X		15X		20X		Working
Lens	MAG	FOV (mm)	MAG	FOV (mm)	MAG	FOV (mm)	Distance
0.5X	4x-25x	55-8.8	6x-37.5x	40-6.4	8x-50x	31.2-5.0	211mm
DEFAULT (1X)	8x-50x	27.5-4.4	12x-75x	20-3.2	16x-100x	15.6-2.5	115mm
2X	16x-100x	13.8-2.2	24x-150x	10-1.6	32x-200x	7.8-1.3	43.5mm
					W1 1 1	1	1

*Included in standard packages.

NZ Trinocular Video Specifications

2X	44.7x-279.4x	12-2	43.5mm
DEFAULT (1X)	22.4x-139.7x	24.98-3.99	115mm
0.5X	11.2x-69.9x	49.97-7.99	211mm
Lens	Magnifications	Field Of View (mm)	Distance
Objective	0	Working	
	Video	Coupler	

OPTICAL MAGNIFICATION FORMULA

Total Magnification = (Mag. of Eyepieces) X (Mag. of objective zoom range on body) X (Mag. of objective lens)

VIDEO MAGNIFICATION FORMULA

Total Magnification = (Mag. of CCD) X (Mag. of objective zoom range on body) X (Mag. of objective lens) X (Diagonal display)







and Comfort.

0.8X - 8X

51-75mm

76mm

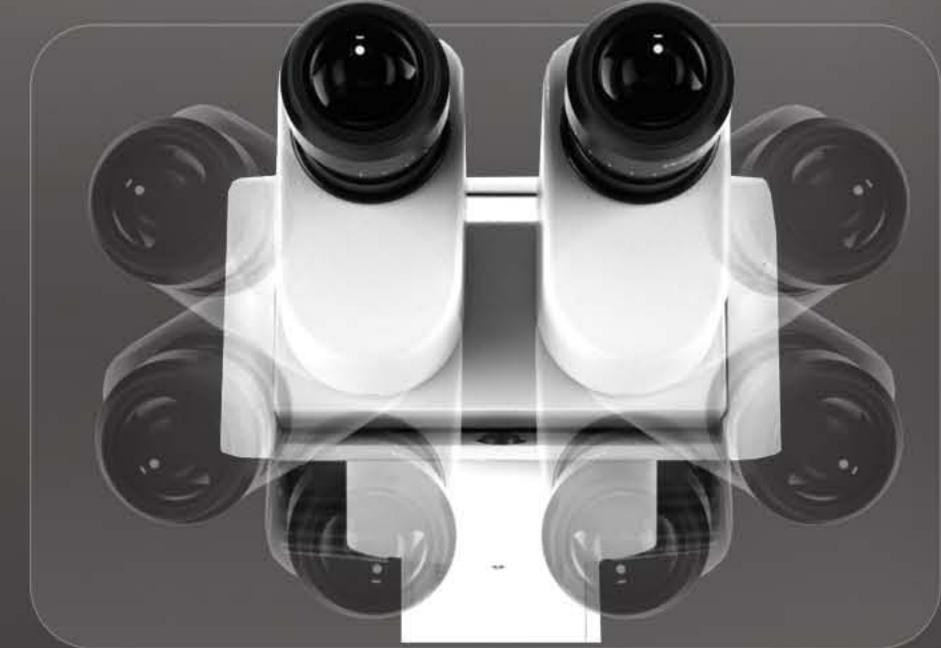


MICROSCOPE FEATURES







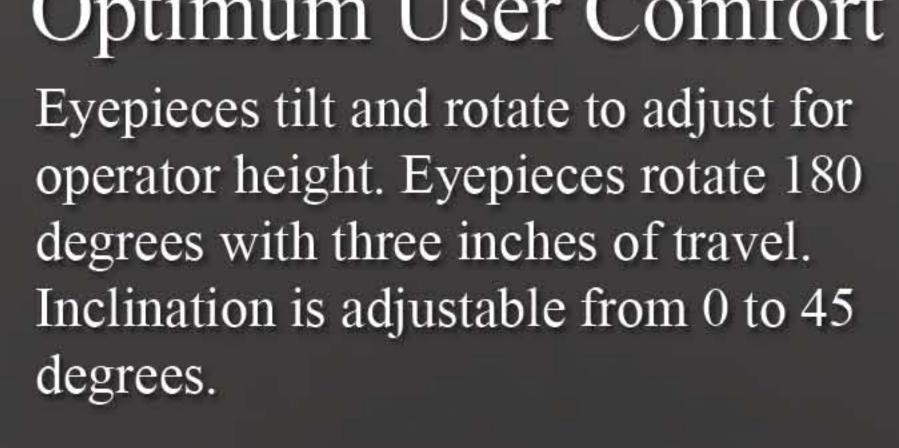




Plan 1x

Plan 1x

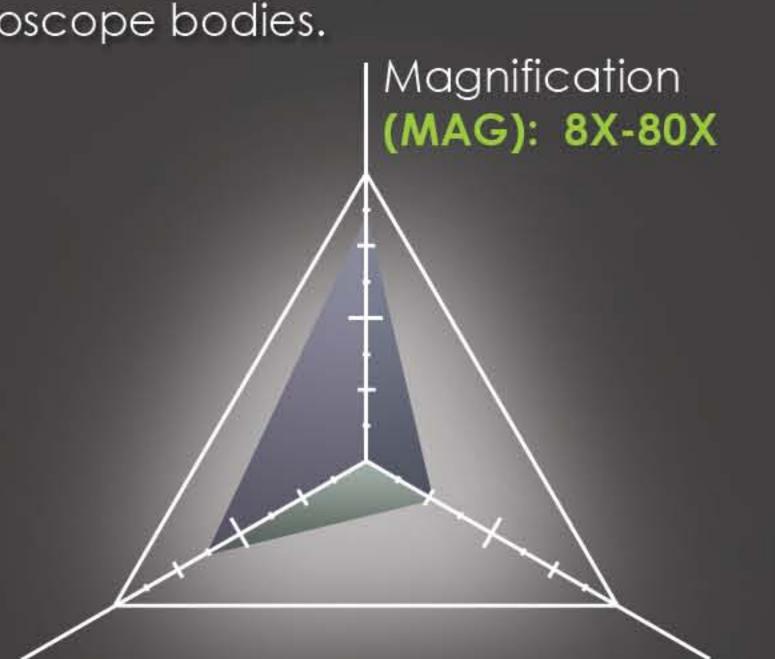
Optimum User Comfort





Specification at a glance

Use the graph to compare this unit with other microscope bodies.



Working Distance (WD): 78mm

Field Of View (FOV): 28.8mm-2.9mm

Above information is based on a E-Series microscope body with 10X eyepieces and 1X objective lens, and 1:10 Zoom Body.

CMO-PK2E binocular microscope system with tilting head and dual LED track stand.

Please see P. 25-26 for all E-Series System Packages.

E-Series Optical Specifications

				Eyepi	eces			
Objective	7oom	10	Χ	20	Χ	30	Χ	Working
Lens	Body	MAG	FOV (mm)	MAG	FOV (mm)	MAG	FOV (mm)	Distance
	1:6	4x-25x	57.5-9.2	8x-50x	35-5.6	12x-75x	25-4	
0.5X	1:8	4x-32x	57.5-7.2	8x-64x	35-4.4	12x-96x	25-3.1	187mm
	1:10	4x-40x	57.5-5.8	8x-80x	35-3.5	12x-120x	25-2.5	
	1:6	8x-50x	28.8-4.6	16x-100x	17.5-2.8	24x-150x	12.5-2	
1X	1:8	8x-64x	28.8-3.6	16x-128x	17.5-2.2	24x-192x	12.5-1.6	78mm
	1:10	8x-80x	28.8-2.9	16x-160x	17.5-1.8	24x-240x	12.5-1.3	
	1:6	16x-100x	14.4-2.9	32x-200x	8.8-1.4	48x-300x	6.3-1	
2X	1:8	16x-128x	14.4-2.3	32x-256x	8.8-1.1	48x-384x	6.3-0.8	35mm
	1:10	16x-160x	14.4-1.8	32x-320x	8.8-0.9	48x-480x	6.3-0.6	

E-Series Video Specifications

			Video (Coupler		
Objective	Zoom	0.5X		0.3	5X	Working
Ĺens	Body	MAG	FOV (mm)	MAG	FOV (mm)	Distance
0.5X	1:6 1:8 1:10	14x-87.3x 14x-111.8x 14x-139.7x	35-5.6 35-4.4 35-3.5	9.8x-61.1x 9.8x-78.2x 9.8x-97.8x	57.1-9.1 57.1-7.1 57.1-5.7	187mm
1X	1:6 1:8 1:10	27.9x-174.6x 27.9x-223.5x 27.9x-279.4x	17.5-2.8 17.5-2.2 17.5-1.8	19.6x-122.2x 19.6x-156.5x 19.6x-195.6x	28.5-4.6 28.5-3.6 28.5-2.9	78mm
2X	1:6 1:8 1:10	55.9x-349.3x 55.9x-447x 55.9x-558.8x	8.8-1.4 8.8-1.1 8.8-0.9	39.1x-244.5x 39.1x-312.9x 39.1x-391.2x	14.3-2.3 14.3-1.8 14.3-1.4	35mm
			* P ~ c ~	d on 1/2" C	amora o o	2" Monitor

OPTICAL MAGNIFICATION FORMULA

Total Magnification = (Mag. of Eyepieces) X (Mag. of objective zoom range on body) X (Mag. of objective lens) VIDEO MAGNIFICATION FORMULA

Total Magnification = (Mag. of CCD) X (Mag. of objective zoom range on body) X (Mag. of objective lens) X (Diagonal display)





Stackable Accessories

A parallel infinity corrected optical system that allows for ergonomic customization and stacking of several components without distorting the image.

Less Operator Fatigue

Eyepiece inclination of 20° allows you to observe without having to lean forward which reduces fatigue during long hours of operation.

Our most advanced microscope yet.

The first ever parallel stereo zoom microscope system from SCIENSCOPE. This microscope is comparable to leading brand manufacturers, see it for yourself. Years of development and design have yielded the first affordable high performance system of its kind.



E-Series Microscope Configuration Chart



E-Series Binocular Configuration

Minimum required components that comprise a binocular microscope system:

- Eyepieces
- Binocular Head
- Zoom Body
- Objective Lens

E-Series Microscope configured as a binocular system with 0°-45° Tilting Head.

E-Series Trinocular Configuration

Minimum required components that comprise a trinocular microscope system:

- Eyepieces
- Binocular Head
- Video Splitter
- Video Coupler
- Zoom Body
- Objective Lens
- Digital Camera
- Iris Diaphragm is optional

E-Series Microscope configured as a trinocular system with optional video splitter, video coupler, iris, and CMOS Camera.

HDMI High-Resolution Digital Cameras

1280 x 800 AT 60 FPS

DIRECT OUTPUT



• 1/2.5" CMOS

Lens Mount:

DIRECT OUTPUT

1920 X 1080 AT 60 FPS

CM05

 Multiple cross hairs for quick gaging Super easy auto-white balance for color accuracy

CC-HDMI-CD1

1080p High Definition camera with

• 1920 x 1080 resolution @ 60 fps (24-bit)

HDMI output with wide screen format

integrated image capture

Image Capture without a PC

• 1/2.5" CMOS

Jupel casy auto	Willie Balance for color accaracy
Sensor:	CMOS; 1/2.5"
Resolution:	1080p HD or 1920 x 1080 (24Bit), 16:10 Aspect Ratio
Pixel count:	2 mega pixel
Pixel size:	2.8 x 2.8um
Frame rate:	60fps
Color:	RGB (individual adjustment)
White balance:	auto/manual
Exposure:	auto/manual
Contrast:	manual
Memory slot:	SD (Up to 32GB)
Memory card:	SD/USB 2.0 Dual-Interface 2GB card included
Cross hair grid:	Up to 4 horizontal and 4 vertical (6 color selections
Lens mount:	C Mount
Power:	5-12VDC
Camera size:	90 x 65 x 50 mm
Camera weight:	400g



Temperature: 0-70°C





All features of this digital camera can easily be adjusted on-screen via these controls.

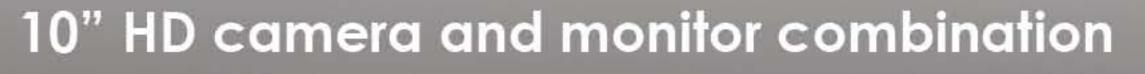
- RGB adjustment - White balance adjustment
- Auto Exposure

- Cross hair grid adjustment

SD/USB2.0 Memory Card

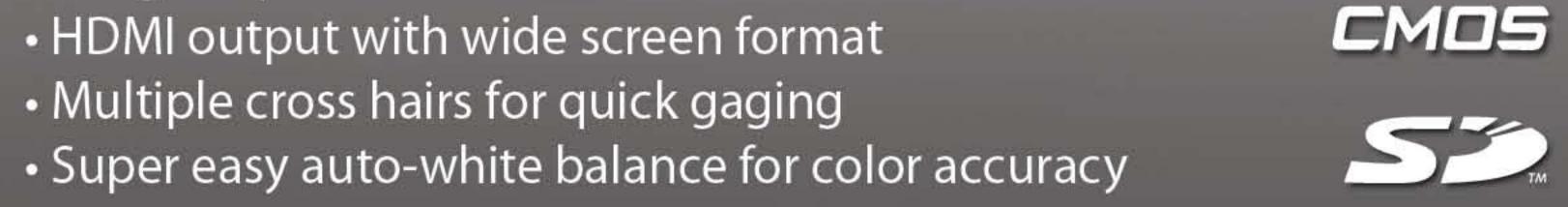
Dual interface memory card allows you to conveniently transfer files without the need of a SD card reader on your PC.





- 1280 x 800 resolution @ 60 fps (24-bit)
- Image Capture without a PC
- HDMI output with wide screen format
- Multiple cross hairs for quick gaging

C Mount



Sensor:	CMOS; 1/2.5"
Resolution:	1280 x 800 @ 60 fps (24-bit), 16:10 Aspect Ratio
Frame rate:	60fps
Pixel count:	2 mega pixel
Pixel Size:	3.75 x 3.75um
Color:	RGB (individual adjustment)
White balance:	auto/manual
Exposure:	auto/manual
Contrast:	manual
Memory:	slot SD (Up to 32GB)
Memory card:	SD/USB 2.0 Dual-Interface 2GB card included
Cross hair grid:	Up to 4 horizontal and 4 vertical
Power:	12VDC

SD Storage Interface



Wired Remote Control function:

(R.G.B., Gain, Cross Hair Generator, Exposure, Image Capture, and sharpening)

USB High-Resolution Cameras / FOV Measurement Software







2592 x 1944 AT 7 FPS

CM05

CERTIFIED USB

CC-USB-UXGA

2.1 Megapixel High-Resolution USB 2.0 Color CCD Camera

The CC-USB-UXGA is an ultra-compact, progressive scan, UXGA, USB camera with a 1/1.8" color CCD. It features 15fps, hardware and software triggering image capture, digital zoom and a feature-rich user based menu setup and control. Add Powerful, easy to use, measurement and annotation software by purchasing CC-VIE-2008.

Sensor:	CMOS; 1/1.8"
Pixel count:	2.1 mega pixel
Resolution:	1688 x 1248
Pixel size:	3.2 x 3.2 µm
Interface/Power:	USB 2.0
Maximum Frame Rate:	Full Scan 15 fps
	1/2 Partial Scan 30 fps
	1/4 Partial Scan 60 fps
Color mode:	User adjustable RGB color
Lens mount:	C Mount
Computer:	Computer Pentium 4 or better, XP or Vista
Software:	Image capture software included

CC-VIE-USB5

New 5.0 Megapixel High Resolution USB 2.0 Color CMOS Camera

- 5 Megapixel CMOS sensor delivering 2592 x 1944 Image Resolution
- Capture Still frame images or record movie clips in seconds
- Auto Exposure, White Balance, and Camera Controls
- Add Powerful, easy to use, measurement and annotation software by purchasing CC-VIE-2008

Sensor:	CMOS; 5.70 mm x 4.28mm (1/2" type)
Pixel count:	5 mega pixel
Resolution:	2592 x 1944
Pixel size:	2.2 x 2.2 μm
Interface/Power:	USB 2.0
Frame rate:	3 fps (max. full frame); 20 fps (800 x 600)
Bits per pixel:	8 (per color component)
Shutter Rolling:	progressive
Gain:	manual or automatic
Camera housing:	anodized aluminum
Camera body:	45 (H) x 45 (W) x 58 (D) mm
Camera weight:	128g (w/out lens)

CC-VIE-2008

Lens Mount:

Video measurement, capture, and annotation software. Video Image Express is the one and only solution for adding a simple and easy way to capture, annotate and measure images on any Stereo Microscope, Video Inspection System, or Camera Based Optical Inspection Device. When it comes to Image Capture and Video Documentation, our unique "Live Image" capability increases work flow dramatically by providing tools designed with one word in mind "Simplicity".

C Mount

- Use any USB 2.0 computer
- Live Display makes adding annotation easy
- Simple Text, Arrow, and Drawing Tools

CCD

- Live Go/No Go Capabilities
- Easy to Use Drag Tools allow measurements on the Live Image
- Calibrated Reticule in Inches and Millimeters
- Supports USB 2.0 and 3.0
- Fast Measurement Tools on Live Image
- One Click Print and E-mail system
- Stored Calibrations
- Perpendicular Line width measurements
- Stored Calibrations

Fiber Optic

LED and Halogen Fiber Optic Cold light precision solutions

UV-Free LED

Cost-effective, long lasting lighting systems



IL-FOI-L24A

- Small Low Noise CPU Fan
- Smaller footprint; use less desktop space
- Compatible with most fiber optic cables or guides

Low Noise LED Fiber Optic Illuminator

- Life: 10,000 hrs
- Color temperature: 6000~7000k
- LED power: 24W
- Filters available: Yellow, Red, Blue

SPECIFICATIONS

uminosity/Brightness	5.3 kfc
ife	10,000 hrs
Color temperature	6000~7000k
Power input	85~265 VAC
Power output	24 VAC
iber Adapter	5/8"
Dimensions	3.75"W x 6"D x 5.75"H
.ED Power	24Watt
Warranty	1 Year
Optional Light Filters:	Red, Blue, and Yellow



IL-FOI-150

Halogen Fiber Optic Illuminator

- New Voltage Readout
- New design for easy lamp replacement.
- Protection against overload.
- Ideal for microscope applications.
- Internal light filters holder.

SPECIFICATIONS

Brightness	23000LU
Color temperature	3200k (at full output)
Power input	90V - 265V
Power output	5V -21V
Fiber Adapter	Ф 20
Dimensions	W210 x D170 x H130 (mm)
Power Consumption	150Watt / 21Vol
Bulb Life	200 Hrs (longer if used at 50% output)
Fuse	2 Amps "Slo Blo"
Warranty	1 Year
Optional Light Filters:	Red, Blue, Green, and Yellow
Replacement Bulb:	EKE Halogen 12V 150W Bulb
Replacement Lamp:	IL-FOI-150-LS



FC-A2-36

Fiber Optic Ring Light Guide

- High quality glass fiber.
- Provides continuous 360° shadow-free light.
- Uniform illumination of white light.
- Large fiber bundle assures maximum light transmission.
- Ideal for general optical and video inspection applications.

SPECIFICATIONS		
Numerical Aperture		0.
Acceptance angle		5
Color temperature		5870
Fiber diameter (µm)		ţ
Bundle length (M)		≤
Fiber Length		3
Inner Diameter		2
End Adapter Diameter	5/8"	(Standa



IL-LED-R2E 8-Point Precision LED Light Source

- UV Free
- 8-point high quality LED light
- Adjustable/dimming control
- Optimum angle for even distribution of light
- Luminosity/brightness: 2.2 kfc (thousand foot candles)
- Color temperature: 6000k~7000k (cool white light)
- Inner diameter: 2.4"

0. 2011.07 (1101.10	
Color temperature	6000k~7000k
Luminosity/Brightness	2.2kfc
Power input	96-265VAC
Power output	30VDC
Inner diameter	2.4
Life	50,000h
LED Power	8W
Number of LEDs	8
Light Intensity Control	Yes
Warranty	1 Yea

36OSNAISCOPE



IL-LED-R1E 6-Point Precision LED Light Source

• UV Free

- 6-point high quality LED light
- Adjustable/dimming control
- Optimum angle for even distribution of light
- Luminosity/brightness: 1.9 kfc (thousand foot candles)
- Color temperature: 6000k~7000k (cool white light)

Inner diameter: 1.6" (Fits small diameter optics)

SPECIFICATIONS

31 LCITICATIONS	
Color temperature	6000k~7000k
Luminosity/Brightness	1.9kfc
Power input	96-265VAC
Power output	30VDC
Inner diameter	1.6
Life	50,000k
LED Power	6W
Number of LEDs	
Light Intensity Control	Ye
Warranty	1 Yec





IL-LED-R2D

Defused LED Dome

- Adjustable Defusion Dome
- Reduces Glare for Video Applications
- UV Free
- Color Temperature: 6000k~7000k
- Alternative to Polarizers

SPECIFICATIONS

	31 LCII ICATIONS	
	Brightness	1.9kfd
	Color temperature	6000k~7000k (cool white ligh
	Power input	96-265VAC
	Power output	30VD0
	Inner diameter	1.6
	Life	50,000
	LED Power	6V
	Number of LEDs	
	Light Intensity Control	Ye
	Warranty	1 Yec

FC-DP-18 and FC-SP-18

Fiber Optic Dual and Single Pipe Light Guides

- High quality glass fiber.
- Excellent for precision lighting and transmission.
- Large fiber bundle assures maximum light transmission.
- Ideal glare reduction for video applications and focused direct lighting requirements.

SPECIFICATIONS

31 LCITICATIONS	
Numerical Aperture	0.54
Acceptance angle	55°
Color temperature	5870 k
Fiber diameter (µm)	50
Bundle length (M)	≤10
Fiber Length	18'
End Adapter Diameter	5/8" (Standard
Warranty	1 Year





• 360° multi-point LEDs.

Built-in transformer.

 Less reflection on specular surfaces with IL-LED-E2D

SPECIFICATIONS

31 LCITICATIONS	
Luminosity/Brightness	2.2 kfc
Color temperature	3500k
Power input	90-265VAC
Power output	22VDC
Inner diameter	2.3"
Power cord length	1.5M
Life	50,000h
Watt	6W
Quantity of LED ball	60
Light Intensity Control	Yes
Warranty	1 Year
The state of the s	1 Year







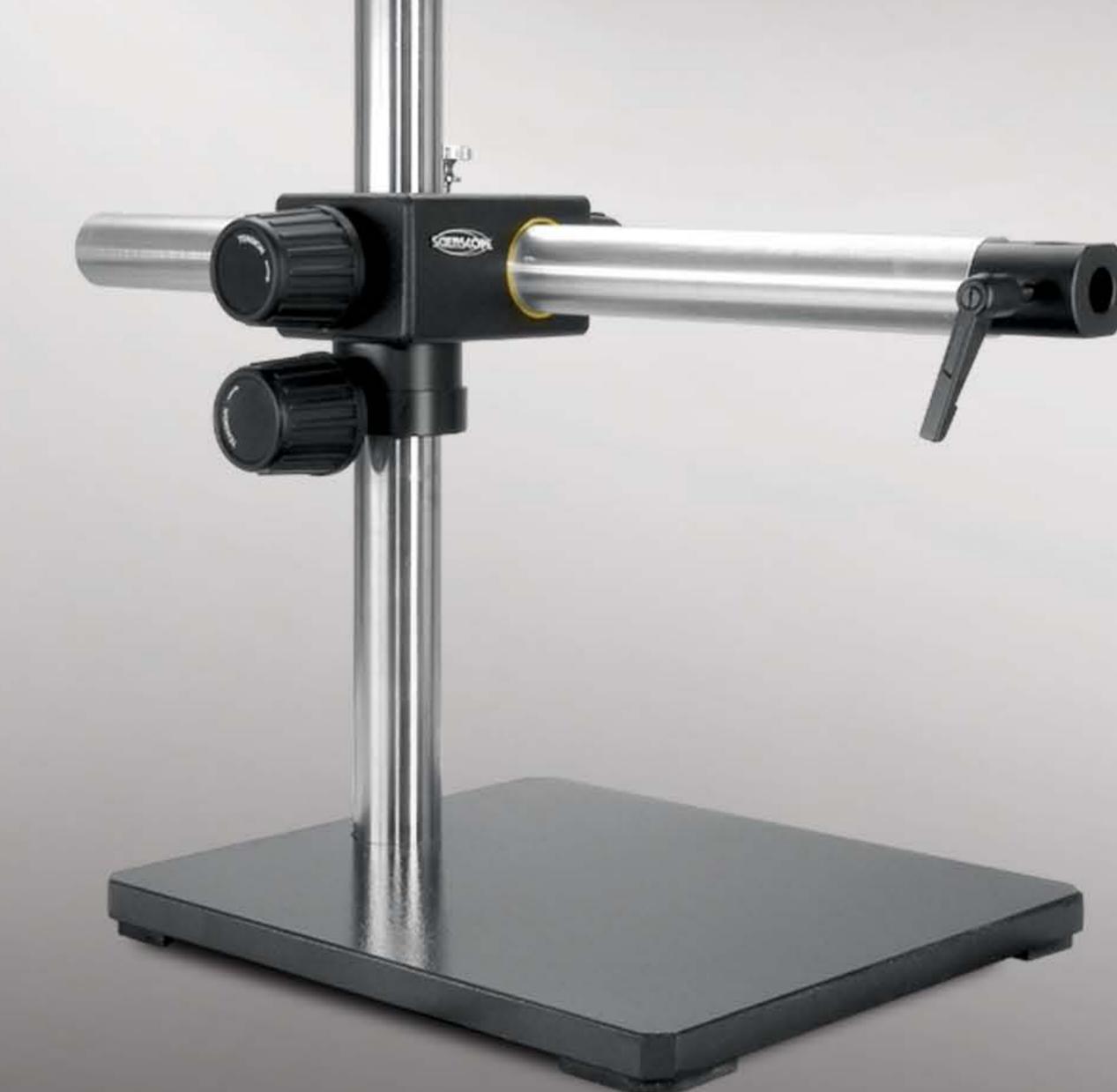


SB-BM2-D0

Dual Arm Boom Stand

- Linear ball bearings provide smooth gliding
- motion. Ideal for image capturing.
 Designed to support large research grade
- microscopes as well as smaller units.
- Ideal for assembly and rework applications.

Total Weight		40lb
Dimensions of Base	10.25" x	: 11.25" x 0.7
Horizontal Arm	20" Length; 0).8" Diamete
Vertical Post	15" Length; 1.4	47" Diamete
Mounting Dowel		5/8
Tip Over Weight		21 lk
Safety Collar		Ye
Warranty		1 Yea
Optional 24" Vertico	al Post (S	SB-BM2-S024



SB-BM2-RO

Gliding Arm Boom Stand

- Premium hard-coat anodized finish
- Precision light weight rail assembly
 Smooth fluid horizontal movement
- Smooth fluid horizontal movement
 Ideal for clean room applications

Total Weight	40lbs
Dimensions of Base	9.5" W x 11.25" D x 1" H
Horizontal Arm	20" Length
Vertical Post	12" Length; 1.38" Diameter
Vertical Extension (included)	9"
Mounting Dowel	5/8"
Tip Over Weight	21 lb
Safety Collar	Yes
Warranty	1 Year

SB-BM2-S0

Single Arm Boom Stand

- Solid cross block and brass inserts to improve movement.
- Perfect for routine inspection of large samples where continuous horizontal movement of the microscope is not required.
- Economic and sturdy.

Total Weight		35lbs
Dimensions of Base	10.25"	x 11.25" x 0.7"
Horizontal Arm	19" Length; (0.8" Diameter
Vertical Post	15" Length; 1.	47" Diameter
Mounting Dowel		5/8"
Tip Over Weight		21 lb
Safety Collar	'	Yes
Warranty		1 Year
Optional 24" Vertica	al Post	SB-BM2-S024)

Articulating Arms





Light-Weight Flexible Stand

- Lift and pivot motion easily extend and retract your microscope.
- Compact design frees up space and improves productivity.
- Light weight and ergnomic design

Total Weight	11 lbs
Clamp Size 4"	' x 3" x 4.5"
Maximum bench width	6"
Free Revolution in Horizontal Directio	n 360°
Up/Down Tilt	+75/-5°
Mounting Dowel	5/8"
Weight Capacity	20 lbs
Warranty	1 Year

SB-FX-01

Heavy-Duty Flexible Stand

- Adjustable counter-balanced arm allows easy, hand guided movement.
- Works in spaces where a conventional
- boom stand will not fit.
 Rugged and ideal for a wide range of inspection applications.

Total Weight	15 lbs
Clamp Size 4" x	3" x 4.5"
Maximum bench width	2"
Free Revolution in Horizontal Direction	360°
Maximum Radius	31.5"
Minimum Radius	2.76"
Maximum Opening Angle	0-45°
Mounting Dowel	5/8"
Weight Capacity	20 lbs
	1 1/



SB-CL2-FX (Clamp base) and SB-TM2-FX (Bolt down base)

Heavy-Duty Flexible Stand Total Weight Vertical post

- 15" Steel vertical post to free up bench space.
- Rugged and ideal for a wide range of inspection applications.
- Adjustable counter-balanced arm allows, easy, hand guided movement.
 Easy to lock in focal distance.

Vertical post 15" Length; 1.47" Diameter Clamp Size 2.75" wide x 2" deep CL2 model Maximum bench width Horizontal Arm Length Gradient Arm Length Front Arm Length Free Revolution in Horizontal Direction 360° Maximum Radius Minimum Radius Maximum Opening Angle Diameter mounting hole (front arm) Diameter mounting hole (end base) 0.87" 18.74 lbs Weight Capacity 1 Year Warranty



Microscope Focus Mount

Microscope rocu	2 MOUII
Microscope Rack	76mm Standard
End Adapter	5/8" (15.875mm
Focusing Travel Distance	±1
Warrantv	1 Yea



Microscope Fine Focus Mount

Microscope Rack 76mm - Standard
End Adapter 5/8" (15.875mm)
Focusing Travel Distance ±1"
Warranty 1 Year

17

Table Top Stands



CMO-DST-L2

Dual Zone LED lighting/Fine Focus

- Ideal for critical focusing at high magnification.
- Adjustable LED transmitted and reflected light.
- Rack & pinion adjustment for smooth movement.

Total Weight	7.4 lbs
Dimensions	9.5"W x 11"D x 13.5"H
Microscope rack	76mm Standard
Vertical Travel Distance	4"
Warranty	1 Year



ST-76-LGT

Warranty

Extended heavy-duty stand

- Extended vertical post for greater working distance.
- Rack and pinion focusing with safety collar.
- Ideal for smaller parts or crowded work areas.

Total Weight	9 lbs
Dimensions of Base	20.75"H x 12.5"W x 12"L
Focus Mount/E-Arm	76mm Standard
Lowest Travel Distance fron	n Base to E-arm 6"
Highest Travel Distance from	m Base to E-arm 10"

1 Year



CMO-ST-L2

Dual Zone LED Lighting Stand

- Ideal for critical focusing at high magnification.
 Rack & pinion for smooth movement.
- Ideal for smaller parts or crowded work areas.

Total Weight	7 lbs
Dimensions	9.5"W x 11"D x 13.5"H
Microscope rack	76mm Standard
Vertical Travel Distance	4"
Warranty	1 Year



ST-76-LG

Ergo-Track Stand

- Large, flat, ergonomic base. Perfect for prolonged viewing of small parts.
- Rugged vertical gear track

Total Weight		9 lb:
Dimensions	13.75"H x 12.5	5"W x 12"
Microscope rack	76mm S	Standarc
Lowest Travel Distance from Bo	ase to E-arm	6'
Highest Travel Distance from B	ase to E-arm	10
Warranty		1 Yea





ST-76

Standard Track Stand

- Contoured base for comfort and ergonomics.
- Rack & pinion adjustment for smooth movement.
- Ideal for smaller parts or crowded work areas.

Total Weight	6 lb
Dimensions	9.3"W x 11.2"D x 12.8"H
Microscope rack	76mm Standar
Vertical Travel Distance	4
Warranty	1 Yeo



SP-76-LG

Ergo-Post Stand

- Large, flat, ergonomic base.
- Perfect for prolonged viewing of small parts. Rugged vertical gear track.

Total Weight	
Dimensions of Base	13.75"H x 12.5"W
Focus Mount/E-Arm	76mm Sta
Lowest Travel Distance from	Base to F-arm

Highest Travel Distance from Base to E-arm

SP-76

Warranty

Standard Post Stand

- Contoured base for comfort and ergonomics.
- Rack and pinion focusing with safety collar.

laeal for smaller parts of crov	vaea work areas.
Total Weight	5.4 lb
Dimensions	9.3"W x 11.2"D x 12.8"
Microscope rack	76mm Standar
Focusing Mount Travel Distance	e ±
Vertical Post Length	1:
Safety Collar	Ye
Warranty	1 Yec





Package Contents

- ELZ Series Microscope Body (ELZ-BD-B2)
- 10X eyepieces (ELZLE-W10) 0.5X objective lens (SZ-LA-05)
- Focus mount (SB-AB-SZ)
- Gliding arm boom stand (SB-BM2-R0)
- Your choice of lighting

≽ All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a or a —S to the end of the master package #. For example to order a system

Package

- ELZ-PK5-FR (Fluorescent Ring Light)
- ELZ-PK-AN (Annular Ring Light)
- ELZ-PK5-DPL (Dual Pipe Light)

ELZ Series Binocular Systems



Package Contents

- ELZ Series Microscope Body (ELZ-BD-B2) 10X eyepieces (ELZLE-W10)
- 0.5X objective lens (SZ-LA-05)
- Focus mount (SB-AB-SZ)
- Contstant force articulating arm (SB-HX-S0)
- Your choice of lighting

Package

ELZ-PK3-FR (Fluorescent Ring Light) ▲ ELZ-PK3-LED (LED Ring Light) ELZ-PK3-AN (Annular Ring Light) ELZ-PK3-DPL (Dual Pipe Light)



Package Contents

- ELZ Series Microscope Body (ELZ-BD-B2)
- 10X eyepieces (ELZLE-W10)
- Focus mount (SB-AB-SZ)
- Ergo post stand (SP-76-LG) Your choice of lighting

Package

- ELZ-PK1-FR (Fluorescent Ring Light)
- ▲ ELZ-PK1-LED (LED Ring Light) ELZ-PK1-AN (Annular Ring Light) ELZ-PK1-DPL (Dual Pipe Light)

Package Contents

- ELZ Series Microscope Body (ELZ-BD-B2)
- 10X eyepieces (ELZLE-W10)
- Focus mount (SB-AB-SZ) Ergo track stand (ST-76-LG)
- Your choice of lighting

Package

ELZ-PK2-FR (Fluorescent Ring Light) ELZ-PK2-LED (LED Ring Light) ELZ-PK2-AN (Annular Ring Light) ▲ ELZ-PK2-DPL (Dual Pipe Light)

20



SSZ-II PK5 Boom Stand Systems

Package Contents Part Number SSZ binocular body • 10X eyepieces SZ-PK5-FR w/ fluorescent ring light Gliding boom stand 0.5X objective lens SZ-PK5-LED w/ adjustable LED ring light Ring light adaptor Focus mount ▲ w/ fiber optic annular ring lig SZ-PK5-DPL Your choice of lighting w/ fiber optic dual pipe light

All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a or a —S to the end of the master package #. For example to order a system with dual arm stand use part number. NZ-PK5-LED-D



SSZ-II PK3 cF Arm Systems

Part Number SSZ binocular body • 10X eyepieces SZ-PK3-FR SZ-PK3-LED SZ-PK3-AN w/ fluorescent ring light CF articulating arm 0.5X objective lens w/ adjustable LED ring light Ring light adaptor
Focus mount w/ fiber optic annular ring light ▲ w/ fiber optic dual pipe light Your choice of lighting

***** All systems ship with a constant force articulating arm (SB-HX-S0). To order a system with a heavy duty articulating arm (SB-CL2-FX) add —FX to the end of the master package #. For example: SZ-PK3-LED-FX



SSZ-11 PK2 Track Stand Systems

SSZ binocular body 10X eyepieces w/ fluorescent ring light SZ-PI Track stand 0.75X objective lens w/ adjustable LED ring light SZ-PI Ring light adaptor w/ fiber optic annular ring light SZ-PI	
Track stand 0.75X objective lens w/ adjustable LED ring light SZ-PI Ring light adaptor w/ fiber optic annular ring light SZ-PI SZ-PI	umber
	(2-FR (2-LED (2-AN (2-DPL
Optional - LCD Backlight Illuminator	-BL-48



SS7-II PK 1 Post Stand Systems

OL II I I I POSI	Sidna Sysiems	
ckage Contents	Package	Part Numb
SZ binocular body © 10X eyepieces ost stand © 0.5X objective lens ling light adaptor our choice of lighting	w/ fluorescent ring light w/ adjustable LED ring light w/ fiber optic annular ring light w/ fiber optic dual pipe light	SZ-PK1- SZ-PK1- SZ-PK1- SZ-PK1-
tional - LCD Backlight Illuminator		IL-BL



Package Contents Package ■ NZ binocular body ■ 10X eyepieces Gliding boom stand
 0.5X objective lens Focus mount

Your choice of lighting

Part Number NZ-PK5-FR w/ fluorescent ring light NZ-PK5-AN w/ fiber optic annular ring light NZ-PK5-DPL w/ fiber optic dual pipe light

***** All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a -D or a —S to the end of the master package #. For example to order a system with dual arm stand use part number. NZ-PK5-LED-D



SB-CL2-FX (Clamp base)

Package Contents Package Part Number NZ binocular body
10X eyepieces NZ-PK3-FR w/fluorescent ring light CF articulating arm
 0.5X objective lens NZ-PK3-LED w/ adjustable LED ring light Focus mount w/ fiber optic annular ring light NZ-PK3-DPL Your choice of lighting w/ fiber optic dual pipe light

***** All systems ship with a constant force articulating arm (SB-HX-SO). To order a system with a heavy duty articulating arm (SB-CL2-FX) add —FX to the end of the master package #. For example: NZ-PK3-LED-FX



NZ PK2 Track Stand Systems

Package Contents Package NZ binocular body 0.75X objective lens Track stand w/ adjustable LED ring light 10X eyepieces w/ fiber optic annular ring light Your choice of lighting w/ fiber optic dual pipe light Optional - LCD Backlight Illuminator

Part Number NZ-PK2-FR NZ-PK2-LED NZ-PK2-AN NZ-PK2-DPL



Package Contents NZ binocular body 0.5X objective lens Post stand 10X eyepieces

Your choice of lighting

Optional - LCD Backlight Illuminator

Package w/fluorescent ring light

w/ adjustable LED ring light

w/ fiber optic annular ring light

NZ-PK1-AN NZ-PK1-DPL ▲ w/ fiber optic dual pipe light

IL-BL-48

Part Number

NZ-PK1-FR

NZ-PK1-LED

Trinocular Systems

Standard Image Capture Systems





Package Contents SSZ trinocular body 10X eyepieces Gliding boom stand 0.5X objective lens

Ring light adaptor
Focus mount 0.5X video coupler w/ fiber optic dual pipe light

23" LCD monitor

CC-HDMI-CD1 Digital Camera

w/fluorescent ring light w/ adjustable LED ring light w/ fiber optic annular ring light

SZ-PK7-FR SZ-PK7-AN

Part Number SZ-PK7-LED

Your choice of lighting

NZ PK7 HD Camera Systems Package Contents

NZ trinocular body
10X eyepieces Gliding boom stand 0.5X objective lens

23" LCD monitor
Focus mount

w/ fluorescent ring light w/ adjustable LED ring light

Package

0.4X video coupler w/ fiber optic dual pipe light



The new ESD safe NZ series microscope from Scienscope gives the user all of the features of the original NZ microscope with the added benefit of ESD safety. The scope is coated with a ESD safe paint and the stand is now grounded for use in ESD sensitive areas. So move forward with the confidence you need to get your ESD sensitive work done.

NZ ESD Binocular and Trinocular Systems

- Microscope body is ESD Safe coated with metalized paint that measures $10^5 \Omega/\text{sq}$. (static dissipative).
- Dual arm ball bearing boom stand with grounded base.
- Choice of ESD safe LED ring light or ESD safe LED fiber optic illuminator.
- Precision optics housed in an anti-mold and air-tight sealed body.

Package Contents

NZ ESD Series Microscope Body (NZ-BD-B2-ESD) 10X eyepieces (ELZLE-W10)

NZ-PK-AN (Annular Ring Light) 0.5X objective lens (SZ-LA-05)

Focus mount (SB-AB-SZ-ESD) Dual arm boom stand (SB-BM2-D0)

Your choice of lighting



2.1 Megapixel USB Camera Systems

Package Contents

SSZ trinocular body 10X eyepieces

Ring light adaptor
Focus mount USB digital camera 0.5X video coupler

Image capture software Your choice of lighting

Part Number Package SZ-PK9-FR w/ fluorescent ring light Gliding boom stand • 0.5X objective lens _ w/ adjustable LED ring light SZ-PK9-LED

SZ-PK9-AN w/ fiber optic annular ring light SZ-PK9-DPL w/ fiber optic dual pipe light

Package Contents

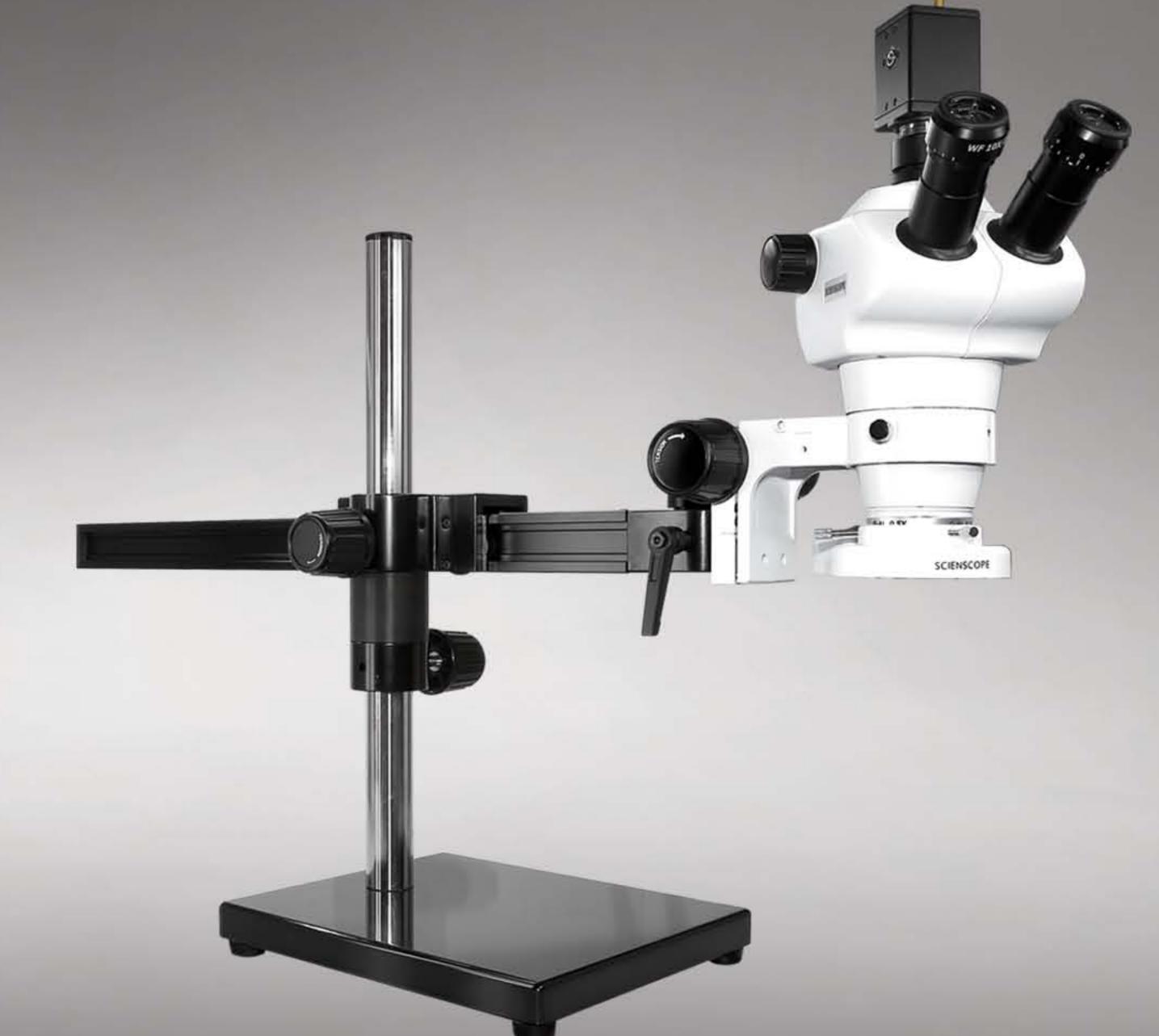
NZ trinocular body 10X eyepieces Gliding boom stand 0.5X objective lens

USB digital camera Focus mount Image capture

 0.4X video coupler software

w/ adjustable LED ring light w/ fiber optic annular ring light w/ fiber optic dual pipe light

Your choice of lighting



USB Camera Systems

Package w/ fluorescent ring light

Part Number NZ-PK9-FR

Part Number

NZ-PK7-FR

NZ-PK7-LED

NZ-PK7-DPL

NZ-PK9-LED NZ-PK9-AN NZ-PK9-DPL

NZ ESD Series Boom Stand Trinocular Systems



Package Contents

NZ ESD Series Microscope Body (NZ-BD-T3-ESD)

10X eyepieces (ELZ-LE-W10) 0.4x video coupler

> 0.5X objective lens (SZ-LA-05) Focus mount (SB-AB-SZ-ESD)

Dual arm boom stand (SB-BM2-D0) HD camera (CC-HDMI-CD1) and monitor (CC-LCD-23H)



Package Contents

HD

Package

NZ-PK7-LED-ESD (LED Ring Light)

NZ-PK7-AN-ESD(Annular Ring)

NZ ESD Series Microscope Body (NZ-BD-T3-ESD)

10X eyepieces (ELZ-LE-W10)

0.4x video coupler

0.5X objective lens (SZ-LA-05)

Focus mount (SB-AB-SZ-ESD)

Dual arm boom stand (SB-BM2-D0) 2.1 Megapixel USB camera (CC-USB-UXGA)

NZ-PK9-AN-ESD(Annular Ring Light)

Package

E-Series Boom Stand Binocular Systems

E-Series Ergo-Track Stand Binocular Systems

SB-BM2-S0

Package Contents

- 20° fixed binocular head(CMO-BH2)
- 10X eyepieces (CMO-LE-W10)
- 1:6 zoom body (CMO-BD-16)
- 0.5X achromatic objective lens (CMO-LA-05)
- Focus mount (SB-AB-SZ)
- Gliding arm boom stand (SB-BM2-R0)
- Your choice of lighting
- # All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a 🗝 or a 🥌 to the end of the master package #.

For example to order a system with dual arm stand use part number: CMO-PK5-LED-D

SB-BM2-D0

CMO-PK5-FR (Fluorescent Ring Light)

CMO-PK5-AN (Annular Ring Light)

CMO-PK5-DPL (Dual Pipe Light)

Package



Package Contents

- Tilting binocular head (CMO-BHE)
- 10X eyepieces (CMO-LE-W10)
- 1:6 zoom body (CMO-BD-16)
- 0.5X achromatic objective lens (CMO-LA-05) Focus mount (SB-AB-SZ)
- Gliding arm boom stand (SB-BM2-R0)
- Your choice of lighting
- ***** All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a -D or a -S to the end of the master package #.
- For example to order a system with dual arm stand use part number: CMO-PK5-LED-D

Package

CMO-PK5E-FR (Fluorescent Ring Light)

CMO-PK5E-AN (Annular Ring Light)

CMO-PK5E-DPL (Dual Pipe Light)

Package Contents

- 20° fixed binocular head(CMO-BH2)
- 10X eyepieces (CMO-LE-W10) ■ 1:6 zoom body (CMO-BD-16)
- 1.0X achromatic objective lens (CMO-LA-10)

Package

- CMO-PK2-FR (Fluorescent Ring Light)
- CMO-PK2-LED (LED Ring Light)
- CMO-PK2-DPL (Dual Pipe Light)
- Dual focus ergo-track stand with stage (ST-76-LGT)

Your choice of lighting



Package Contents

- Tilting binocular head (CMO-BHE)
- 10X eyepieces (CMO-LE-W10)
- 1:6 zoom body (CMO-BD-16) 0.5X achromatic objective lens (CMO-LA-05)
- Focus mount (SB-AB-SZ)

Your choice of lighting

Gliding arm boom stand (SB-BM2-R0)

- ▲ CMO-PK2E-AN (Annular Ring Light)

Package

- CMO-PK2E-LED (LED Ring Light)

CMO-PK2E-FR (Fluorescent Ring Light)

- CMO-PK2E-DPL (Dual Pipe Light)

Package Contents

Package Contents

20° fixed binocular head(CMO-BH2)

© 0.5X achromatic objective lens (CMO-LA-05)

10X eyepieces (CMO-LE-W10)

1:6 zoom body (CMO-BD-16)

Dual LED track stand (CMO-ST-L2)

- Package
- Tilting binocular head (CMO-BHE) ▲ CMO-PK2E

E-Series Dual LED Track Stand

Binocular Systems

- 10X eyepieces (CMO-LE-W10)
- 1:6 zoom body (CMO-BD-16)
- 0.5X achromatic objective lens (CMO-LA-05) Dual LED track stand (CMO-ST-L2)

E-Series Boom Stand Trinocular Systems



- © 20° fixed binocular head(CMO-BH2)
- 10X eyepieces (CMO-LE-W10)
- □ 1:6 zoom body (CMO-BD-16)
- Beam splitter (CMO-BD23) and .35x coupler (CMO-CP-03)
- 0.5X achromatic objective lens (CMO-LA-05)
- Focus mount (SB-AB-SZ)
- Gliding arm boom stand (SB-BM2-R0)
- HD camera (CC-HDMI-CD1) and monitor (CC-LCD-23H) Your choice of lighting
- ***** All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a

or a -S to the end of the master package #. For example to order a system with dual arm stand use part number: CMO-PK5-LED-D

- CMO-PK7-FR (Fluorescent Ring Light)
- CMO-PK7-AN (Annular Ring Light)

CMO-PK7-DPL (Dual Pipe Light)



SB-BM2-S0

Package

▲ CMO-PK2

- Tilting binocular head (CMO-BHE)
- 10X eyepieces (CMO-LE-W10)
- 1:6 zoom body (CMO-BD-16)
- Beam splitter (CMO-BD23) and .35x coupler (CMO-CP-03)
- 0.5X achromatic objective lens (CMO-LA-05)
- Focus mount (SB-AB-SZ)
- Gliding arm boom stand (SB-BM2-R0) HD camera (CC-HDMI-CD1) and monitor (CC-LCD-23H)
- Your choice of lighting
- ***** All systems ship with a gliding arm boom stand (SB-BM2-R0). To order a system with a dual arm (SB-BM2-D0) or single arm (SB-BM2-S0) add a ¬D or a ¬S to the end of the master package #. For example to order a system with dual arm

stand use part number: CMO-PK5-LED-D

- CMO-PK7E-FR (Fluorescent Ring Light)
- CMO-PK7E-AN (Annular Ring Light) CMO-PK7E-DPL (Dual Pipe Light)



SB-BM2-R0

SB-BM2-S0

Standard Microscope Bodies

5 Years All microscope bodies come with a 5 year manufacturer's warranty.

tem	Part Number
SSZ-II Binocular Microscope Body	SZ-BD-B2A
SSZ-II Trinocular Microscope Body	SZ-BD-T3A
NZ Binocular Microscope Body	NZ-BD-B2
NZ Trinocular Microscope Body	NZ-BD-T3
ELZ Binocular Microscope Body	ELZ-BD-B2
NZ ESD Trinocular Microscope Body	NZ-BD-T3-E
NZ ESD Binocular Microscope Body	NZ-BD-B2-



Microscope Body

Microscope Body

ELZ Binocular Microscope Body Microscope Body Microscope Body Microscope Body



SSZ-II Video Coupler

NZ Video Coupler

(0.4x)

Video Couplers

SSZ-II Video Coupler (1X)

NZ Video Coupler (0.4X)

SSZ-II Video Coupler (0.5X)

E-Series Video Coupler (0.5X)

E-Series Video Coupler (0.35X)

5 Years All video couplers come with a 5 year manufacturer's warranty. Part Number SZ-CP-10A SZ-CP-05A NZ-CP-04 CMO-CP-05

E-Series



Video Coupler (0.5X)

E-Series Video Coupler (0.35X)



1.3 MegaPixel Smart Camera

2.1 MegaPixel

USB 2.0 CCD Camera



1080p HD HDMI Camera

5 MegaPixel

USB 2.0 CMOS Camera





1.3 Mega Pixel Smart Camera 1080p HD HDMI Camera 720p HD Camera/Monitor Combo 2.1 Mega Pixel USB 2.0 CCD Camera

5 Mega Piexel USB CMOS Camera

CC-SMART-CAM CC-HDMI-CD1 CC-CMC-LCD10 CC-USB-UXGA CC-VIE-USB5

Part Number

Parallel Zoom Microscope Components

5 Years
All microscope bodies and components come with a 5 year

manufacturer's warranty.	
ltem	Part Number
20° Binocular Head	CMO-BH2
0°-45° Tilting Binocular Head	CMO-BHE
Zoom Body (1:6)	CMO-BD-16
Zoom Body (1:8)	CMO-BD-18
Zoom Body (1:10)	CMO-BD-110
Aperture Diaphragm	CMO-IRIS
Video Splitter	CMO-BH-23



Eyepieces/Eyecups

5 Vegre All evenieces come with a 5 year manufacturer's warrant

O C S All eyepieces come with a 5 year r	manutacturer's warranty
Item	Part Number
SSZ-II Eyepieces (20X) pair SSZ-II Eyepieces (10X) pair NZ Eyepieces (20X) pair NZ Eyepieces (15X) pair NZ Eyepieces (20X) pair ELZ Eyepieces (20X) pair ELZ Eyepieces (15X) pair ELZ Eyepieces (10X) pair NZ/ELZ Eye Guard pair E-Series Eyepieces (30X) pair E-Series Eyepieces (20X) pair E-Series Eyepieces (10X) pair	SZ-LE-W20 SZ-LE-W20 NZ-LE-W15 NZ-LE-W10 ELZ-LE-W20 ELZ-LE-W15 ELZ-LE-W10 NZ-88-EC CMO-LE-W30 CMO-LE-W20 CMO-LE-W20



Objective Lens

5 Years All objective lens come with a 5 year manufacturer's warranty. Part Number SSZ-II Objective Lens (2X) SZ-LA-20 SSZ-II Objective Lens (1.5X) SZ-LA-15 SSZ-II Objective Lens (0.75X) SZ-LA-07 SSZ-II Objective Lens (0.5X) SZ-LA-05 SZ-LA-04 SSZ-II Objective Lens (0.4X) SZ-LA-03 SSZ-II Objective Lens (0.3X) SZ-LA-CG SSZ-II Protective Lens NZ Objective Lens (2X) NZ-LA-20 NZ-LA-05 NZ Objective Lens (0.5X) ELZ Objective Lens (2X) ELZ-LA-20 ELZ-LA-05 ELZ Objective Lens (0.5X) CMO-LA-20 E-Series Objective Lens (Plan 2X) E-Series Objective Lens (Plan 1X) CMO-LA-10 E-Series Objective Lens (Plan Apo 0.5X) CMO-LA-05A E-Series Objective Lens (Achromatic 0.5X) CMO-LA-05



SSZ-II





8" LCD Montior

Fluorescent

Ring Light

23" LCD Montior





LCD Mount for Single/Dual

Monitors & Mounts

Light Sources

All monitors and monitor arm mounts come with 1 year

manufacturer's warranty.		
ltem	Part Number	
8" Color LCD Monitor 10" Color LCD Monitor 23" Color HDMI LCD Monitor	CC-LCD-08 CC-LCD-10 CC-LCD-23H	
Desk Mount Arm for LCD Monitor LCD Monitor Mount for Boom Stand	CC-MM-20 CC-MM-20B	



Compact LED

Ring Light



8-Point LED

Fiber Optic Annular Ring Light

Ring Light



Ring Light



Defused LED Dome

Year All light sources come with 1 year manufacturer's warranty.

LED light is 3 years.

Item	Part Number
Fluorescent Ring Light	IL-FR-24
8-Point LED Ring Light ID: 2.4"	IL-LED-R2E
6-Point LED Ring Light ID: 1.6"	IL-LED-R1E
LED Ring Light w/ built-in power suppy	IL-LED-E1
Defused LED Dome	IL-LED-R2D
LED Fiber Optic Illuminator ESD	IL-FOI-L24A
Defuse LED light	IL-LED-E2D
Fiber Optic Annular Ring Light	FC-A2-36
Fiber Optic Dual Pipe Light	FC-DP-18



Polarizer for Fiber Optic

Annular Ring Light (FC-A2-36)

LED Fiber Opitc Illuminator



8-Point LED Ring Light

Polarizer for

(IL-LED-R2E)



6-Point LED Ring Light

Polarizer for

(IL-LED-R1E)

Fiber Optic Dual Pipe Light

Color Filter Kit for LED Fiber Optic Illuminator (IL-FOI-L24)

Filters

All filters come with 1 year manufacturer's warranty.

Item	Part Number
Polarizer for IL-LED-R2E	IL-LED-R2EP
Polarizer for IL-LED-R1E	IL-LED-R1EP
Polarizer for FC-A2-36	IL-AN-PLRZ
Fiber Optic Illuminator Color Filter Kit	IL-FOI-L24-FK

All stands and focus mounts come with 1 year

manufacturer's warranty. Part Number ltem Gliding Boom Stand Dual Arm Boom Stand Single Arm Boom Stand Focus Mount Focus Mount w/ Fine Focus Extended Heavy-Duty Track Stand Ergo-Track Stand Dual Illuminated Track Stand Dual Illuminated Track Stand w/ Coarse & Fine Focus Track Stand Post Stand w/ Extended Post **Post Stand** Articulating Arm (Black) CF Articulating Arm Dual/Single Arm Boom Stand Vertical Post (24")

SB-BM2-RO SB-BM2-D0 SB-BM2-SO SB-AB-SZ SB-AB-SZF ST-76-LGT ST-76-LG CMO-ST-L2 CMO-DST-L2 ST-76 SP-76-18 **SP-76** SB-FX-01 SB-HX-SO Heavy-Duty Articulating Arm (Vertical Post) SB-CL2-FX (Clamp base) SB-TM2-FX (Bolt down base) SB-BM2-S024







w/ Fine Focus

Single Arm

Boom Stand





Fine Focus Mount

Focus Mount



Scienscope is an industrial (NDT) solution provider committed to the best price to performance ratio we can offer. In business since 1994, Scienscope serves all areas of manufacturing in North America through a network of technical sales representatives and distributors. It is our mission to provide the most innovative and cost effective solutions for our customers' inspection problems. We are continuously developing new products and software to meet your needs.

The Scienscope inspection division is the core of our business. Our product line extends from benchtop magnifiers, stereo zoom microscopes, video inspection systems, video recognition systems to video measurement systems, and measurement software. As well, Scienscope manufactures industrial cabinet style micro focus X-Ray machines. Most of our products can be demonstrated on-site or online, please contact your local representatives or Scienscope directly for details. Please visit our website www.scienscope.com for more product information and contacts. We appreciate the opportunity to do business with your company, let us know how we can help.

Articulating CF Articulating **Extended Post Stand**

Adapters

Year manufacturer's warranty.

Item	Part Number
Ring Adapter for SSZ-II/SSZ Body	SZ-LA-10
Ring Light Adapter for Micro Zoom Lens	MZ7-10-70
Focus mount adatper for Macro Zoom lens	SB-76-47
Focus mount adatper for Micro Zoom lens	SB-76-39



for SSZ-II Series



Dual/Single Arm

Vertical Post (24")

Boom Stand



for MZ7 Series





Heavy-Duty Articulating

Arm on Vertical Post



Focus Mount Adapter for Micro Zoom lens

Focus Mount Adapter for Macro Zoom lens

Magnifiers

Year manufacturer's warranty.

ltem	Part Number
ML-5000 LED w/ 3-diopter lens	ML5-3D-LED
ML-5000 LED w/ 5-diopter lens	ML5-5D-LED



Lens Vlewing Area Arm Length ESD Safe Avialable

Lens Type Glass 5.7" Diameter 5W 64 arrays of LEDs Up to 2.5" Available Diopters 3 and 5 Diopters 1.75x or 2.25x 13" or 8"

Replacement Light Bulbs

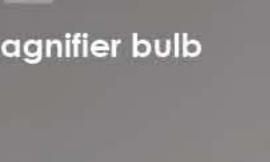
All light bulbs have no manufacturer's warranty.

Item	Part Number
ML-4000 magnifier bulb ML-3000 magnifier bulb ML-2000/1000 magnifier bulb Fluorescent bulb for IL-FR-24 Fluorescent bulb for IL-FR-21 Fiber optic illuminator bulb for IL-FOI-150	ML4-RB-28V ML3-13W-B ML12-22W- IL-FR-24B IL-WH-MLB IL-RA-FB



ML4000 Magnifier bulb ML3000 Magnifier bulb

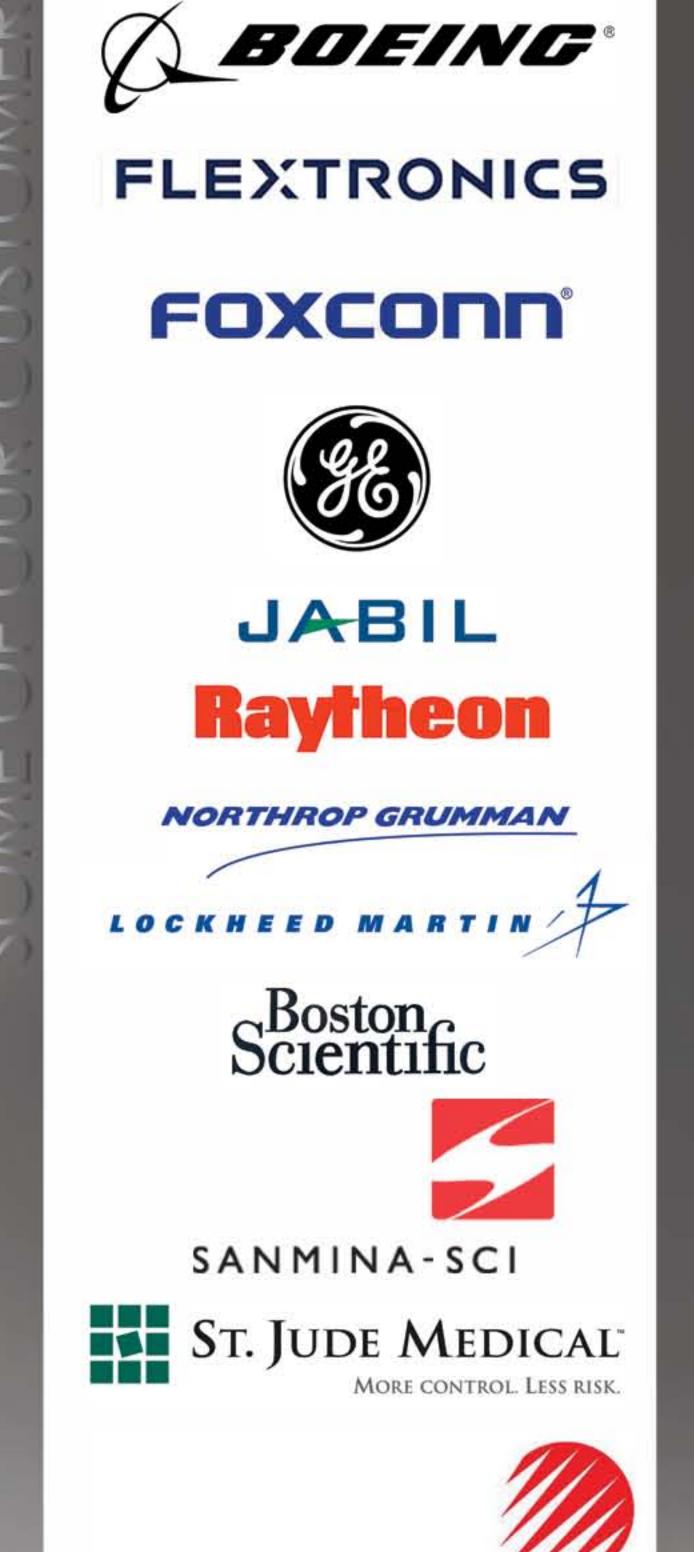






Fluorescent Ring Light Fluorescent Ring Light for Model: IL-FR-24 for Model: IL-FR-21 for IL-FOI-150





TERMS AND CONDITIONS

PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. SCIENSCOPE RESERVES THE RIGHT TO CORRECT PRINTING ERRORS. PRODUCTS ARE SHIPPED FOB CHINO, CA VIA UPS OR FEDEX UNLESS OTHERWISE SPECIFIED. PRODUCT MAY NOT BE RETURNED WITHOUT SCIENSCOPE APPROVAL, PLEASE CONTACT SCIENSCOPE DIRECTLY FOR RETURN AUTHORIZATION AND CONDITIONS.

* SCIENSCOPE WORLDWIDE DISTRIBUTORS

PRODUCT WARRANTY

SCIENSCOPE OFFERS A 5-YEAR WARRANTY ON ALL ITS OPTICAL PRODUCTS; INCLUDING MICROSCOPES, AUXILIARY LENSES, VIDEO COUPLERS, VIDEO LENSES, DIGITAL CAMERA ADAPTERS. ALL OTHER SCIENSCOPE PRODUCTS ARE WARRANTED FOR A 1-YEAR PERIOD, INCLUDING STANDS, FOCUS MOUNTS, LIGHT SOURCES, LIGHT GUIDES, CAMERAS AND MONITORS; BULBS ARE NOT WARRANTED.

SCIENSCOPE HAS THE RIGHT TO REPLACE OR EXCHANGE, AT ITS OPTION, ANY AND ALL PRODUCTS SENT BACK FOR WARRANTY SERVICE. WARRANTY SERVICE WILL BE PERFORMED BY SCIENSCOPE WHEN A RMA NUMBER IS OBTAINED. THE DEFECTIVE EQUIPMENT MUST BE RETURNED, POSTPAID, TO SCIENSCOPE WITH THE RMA NUMBER IN THE "ATTENTION TO" SECTION.

PRODUCTS DETERMINED BY SCIENSCOPE TO BE ABUSED, MISUSED OR USED IN A NEGLIGENT MANOR ARE NOT COVERED UNDER THIS WARRANTY. DAMAGE RESULTING FROM THE ATTEMPTED REPAIRS BY UNAUTHORIZED PARTIES OR DAMAGE DUE TO ACCIDENT WILL NOT BE COVERED.

All specifications subject to change without notification.

CONTACTINFORMATION

Business Hours Monday ~ Friday (8AM~5PM Pacific Standard Time)

(800) 216-1800 Toll-Free, (909) 590-7273 Phone

(909) 494-5513

5751 Schaefer Ave. Chino, CA 91710

Website http://www.scienscope.com/

E-Mail info@scienscope.com

