

SCIENSCOPE



# SSZ-II SERIES

BINOCULAR & TRINOCULAR  
MICROSCOPE INSPECTION PRODUCTS

# SCIENSCOPE SSZ-II SERIES

## FEATURING

- **DIOPTRIC ADJUSTMENT ( $\pm 5$ )**
- **ZOOM RANGE (0.67X-4.5X)**
- **ZOOM RATIO (1:6.7)**
- **INTERPUPILLARY ADJUSTMENT (50-76MM)**
- **EYEPIECES INCLINATION (45°)**
- **RACK MOUNT SIZE (76MM)**
- **100MM DEFAULT WORKING DISTANCE**



## SSZ-II SERIES BINOCULAR & TRINOCULAR MICROSCOPES

With Long term reliability and customer satisfaction in mind we have redesigned the SSZ-II series stereo zoom microscopes. We have retained the core quality and technology while improving the ergonomics, optics, and performance.

### FEATURING

- Quality Construction And Optics
- Built To Last
- Largest Variety Of Accessories
- Highest Customer Satisfaction
- True Trinocular



### OPTICAL / BINOCULAR SPECIFICATIONS

Objective Lens	MAG	EYEPIECES		Working Distance
		10X FOV (MM)	20X FOV (MM)	
0.3X	2x-13.5x	109.5-16.3	4x-27x	287mm
0.4X	2.7x-18x	82.1-12.2	5.4x-36x	217mm
0.5X	3.4x-22.5x	65.7-9.8	6.7x-45x	177mm
0.75X	5x-33.8x	43.8-6.5	10.1x-67.5x	117mm
1.0X (DEFAULT)	6.7x-45x	32.8-4.9	13.4x-90x	100mm
1.5X	10.1x-67.5x	21.9-3.3	20.1x-135x	47mm
2X	13.4x-90x	16.4-2.4	26.8x-180x	26mm

### TRINOCULAR / DIGITAL SPECIFICATIONS

Objective Lens	MAG	VIDEO COUPLERS		Working Distance
		0.5X FOV (MM)	Working Distance	
0.3X	10x-70x	47.8-7	287mm	
0.4X	12.5x-88x	38-5.5	217mm	
0.5X	16x-110x	30-4.4	177mm	
0.75X	23.5x-160x	21-3	117mm	
1.0X (DEFAULT)	35x-220x	15-2.3	100mm	
1.5X	47x-330x	10.3-1.6	47mm	
2X	64x-454x	7.6-1.1	26mm	

All trinocular specs taken with 1/2.5" sensor camera and 23" monitor @ 1080p HD



The SSZ series is the cornerstone of ScienScope stereo zoom microscope line. The compact and durable design, incorporating the Greenough optical system, delivers exceptional flatness and depth of field as well as clarity and accurate color. With over 15 years of continued customer satisfaction the SSZ has remained ScienScope's most popular microscope. Precision CNC machine parts assembled to the leading industry standards extends the life of the microscope and lowers service and maintenance costs. High eye-point eyepieces and ergonomically located zoom control make for one of the most comfortable user experiences of any non-parallel zoom system. With the new ScienScope Versa-Cam you will be able to view HD images in real-time on an HD LCD monitor and capture images to an SD card or connect to a computer via USB to capture images, annotate, and draw with included software.

## FEATURING THE **VERSA CAM**

*The ScienScope SSZ-II microscope systems now feature the powerful HD 1080p HDMI/USB VersaCam camera which includes a SD card, USB cable, & mouse. The Versa-Cam can be used as a "live image" HD (1080p) camera connected to a monitor using an HDMI cable or as a USB 2.0 camera with USB cable connected to any computer or Windows Tablet. Now the choice between live HD monitor inspection and high resolution USB camera capture and annotation is made at the camera...not between cameras.*



- 1080p (1920 x 1080)HD image @60fps
- Onscreen Control Bar And Setting Menu
- Image And Video Capture To SD Card
- Split-Screen Live Image/Captured Image Comparison (Picture In Picture)
- Image And Video Gallery/Image And Video Review
- Vertical And Horizontal Line Generator
- Wireless Mouse Support And Control
- Image And Video Capture With Windows 8 or 10 Camera App
- Email, Save, Or Print From Software
- Image And Video Capture With Included Software
- Annotation And Drawing Tools On Live Or Captured Images



HD

CMOS

HDMI

USB

SD

# ALL SSZ-II SERIES SYSTEMS

ALL SYSTEMS INCLUDE OPTICS AND YOUR CHOICE OF STAND AND LIGHTING. ALL SYSTEMS INCLUDE 10X EYEPIECES AND 0.5X OBJECTIVE LENS WITH THE EXCEPTION OF PK1 AND PK2 PACKAGES. SUBSTITUTION OF OBJECTIVE LENSES AND EYEPIECES FOR OTHER POWERS CAN BE MADE UPON REQUEST

PACKAGE #	STANDS			LIGHTING			CAMERA						
	SB-BM2-S0 SINGLE ARM BOOM STAND	SB-BM2-D0 DUAL ARM BOOM STAND	SB-BM2-RO GLIDING ARM BOOM STAND	SB-CL2-FX HEAVY DUTY ARTICULATING STAND	SB-HX-S0 TENSION ARTICULATING STAND	ST-76-LG ERGO TRACK TABLE TOP STAND	SP-76-18 ERGO-POST TABLE TOP STAND	IL-LED-R3 POLARIZED LED LIGHT	IL-LED-E1 ADJUSTABLE LED LIGHT	IL-LED-R3E LED RING LIGHT	IL-FOI-L15 LOW NOISE FIBER OPTIC LED LIGHT	FC-A2-36 FIBER OPTIC LED RING LIGHT	CC-HDMI-CD2 VERSA CAM
SZ-PK1-AN													
SZ-PK1-R3E													
SZ-PK1-R3													
SZ-PK1-E1													
SZ-PK2-AN													
SZ-PK2-R3E													
SZ-PK2-R3													
SZ-PK2-E1													
SZ-PK3-AN													
SZ-PK3FX-AN													
SZ-PK3-R3E													
SZ-PK3FX-R3E													
SZ-PK3-R3													
SZ-PK3FX-R3													
SZ-PK3-E1													
SZ-PK3FX-E1													
SZ-PK5-AN													
SZ-PK5D-AN													
SZ-PK5S-AN													
SZ-PK5-R3E													
SZ-PK5D-R3E													
SZ-PK5S-R3E													
SZ-PK5-R3													
SZ-PK5D-R3													
SZ-PK5S-R3													
SZ-PK5-E1													
SZ-PK5D-E1													
SZ-PK5S-E1													
SZ-PK10-AN													
SZ-PK10-R3E													
SZ-PK10-R3													
SZ-PK10-E1													

PACKAGES

## SSZ-II MICROSCOPE STANDS & MOUNTS

### \*FOCUS MOUNTS

REQUIRED\* ON ALL BOOM ARM AND ARTICULATING ARM STANDS



SB-AB-SZ  
MICROSCOPE FOCUS MOUNT

### BOOM ARM STANDS



SB-BM2-RO\*  
GLIDING BOOM STAND



SB-BM2-SO\*  
SINGLE BOOM STAND



SB-BM2-D0\*  
DUAL BOOM STAND

### LAB STANDS



ST-76-LG  
ERGO TRACK STAND



SP-76-18  
EXTENDED POST STAND

### ARTICULATING ARM STANDS



SB-CL2-FX\*  
HEAVY DUTY ARTICULATING STAND



SB-HX-S0\*  
CF ARTICULATING STAND

# SSZ-II FEATURED SYSTEMS

## SZ-PK5S-E1

The Scienscope SZ-PK5S-E1 is a Stereo Zoom Binocular Microscope System. This product includes 10x Eyepieces, a single arm boom stand with 76mm e-arm and a 0.5x auxiliary lens. The SZ-PK5S-E1 also includes a compact LED ring light for an enhanced visual inspection process.



## SZ-PK5-E1

The Scienscope SZ-PK5-E1 is a Stereo Zoom Binocular Microscope. This product includes 10x Eyepieces, a gliding arm boom stand with 76mm e-arm, and a 0.5x auxiliary lens. The SZ-PK5-E1 also includes a compact LED ring light for an enhanced visual inspection process.



## SZ-PK5D-R3

The Scienscope SZ-PK5D-R3 is a Stereo Zoom Binocular Microscope. This product includes 10x Eyepieces, a dual arm boom stand with 76mm e-arm and a 0.5x auxiliary lens. The SZ-PK5D-R3 also includes a ring adapter and our NEW high intensity LED ring light that comes with a polarizer for optical filtration.



# SSZ-II MICROSCOPE LIGHTING OPTIONS

## ALL INSPECTION LIGHTING INCLUDES THE FOLLOWING WARRANTIES

- IL-FOI-L15 : 2 year replacement guarantee on LED bulb
- IL-LED-R3: 3 year warranty
- IL-LED-E1: 1 year warranty
- IL-LED-R3E: 2 year warranty

### FIBER OPTIC LIGHTING



**IL-FOI-L15**  
LED FIBER OPTIC ILLUMINATOR

**FC-A2-36**  
FIBER OPTIC LED RING LIGHT



**FC-DP-18**  
FIBER OPTIC DUAL PIPE LIGHT GUIDE

### 100% UV FREE LED LIGHTING



**IL-LED-R3**  
POLARIZED LED RING LIGHT

**IL-LED-E1**  
COMPACT LED RING LIGHT

**IL-LED-R3E**  
LED RING LIGHT

**SZ-PK3FX-E1**

The ScienScope SZ-PK3FX-E1 is a Stereo Zoom Binocular Microscope. This product includes 10x Eyepieces a HEAVY DUTY articulating arm stand with 15" vertical post and 76mm focus mount. The SZ-PK3FX-E1 also includes a 0.5x Auxiliary Lens and a compact LED ring light for an enhanced visual inspection process.



STAND  
SB-CL2-FX  
Articulating Arm Stand

LIGHTING  
IL-LED-E1  
Adjustable LED Lighting

**SZ-PK10-E1**

The ScienScope SZ-PK10-E1 is a Stereo Zoom TRUE Trinocular Microscope. This product includes 10x eyepieces, eye guards, a dual arm boom stand with 76mm e-arm, a 0.5x auxiliary lens and a 0.4x video coupler. The SZ-PK10-E1 also includes a compact LED ring light, our NEW 1080p HDMI/USB camera (w/ SD card, USB cable and mouse), a 23" HD LCD monitor and our user friendly capturing software.



STAND  
SB-BM2-D0  
Dual Arm Stand

LIGHTING  
IL-LED-E1  
Adjustable LED Lighting

CAMERA  
CC-HDMI-CD2  
Versa Cam

**SZ-PK10-R3**

The ScienScope SZ-PK10-R3 is a Stereo Zoom TRUE Trinocular Microscope. This product includes 10x eyepieces, eye guards, a dual arm boom stand with 76mm e-arm, a 0.5x auxiliary lens and a 0.4x video coupler. The SZ-PK10-R3 also includes our NEW high intensity LED ring light with polarizer (IL-LED-R3), our NEW 1080p HDMI/USB camera (Includes SD card, USB cable and mouse) with 23" HD LCD monitor and capture software. This package comes with a full 1 year warranty.



STAND  
SB-BM2-D0  
Dual Arm Stand

LIGHTING  
IL-LED-R3  
Polarized LED Lighting

CAMERA  
CC-HDMI-CD2  
Versa Cam

**SZ-PK10-AN**

The ScienScope SZ-PK10-AN is a Stereo Zoom TRUE Trinocular Microscope. This product includes 10x eyepieces, eye guards, a dual arm boom stand with 76mm e-arm, a 0.5x auxiliary lens and a 0.5 video coupler. The SZ-PK10-AN also comes with our LED fiber optic illuminator and Fiber optic annular ring light guide. Plus our NEW 1080p HDMI/USB camera (Includes SD card, USB cable and mouse) with 23" HD LCD monitor and capture software. This package comes with a full 1 year warranty.



STAND  
SB-BM2-D0  
Dual Arm Stand

LIGHTING  
IL-FOI-L24A & FC-A2-36  
Fiber Optic Illumination

CAMERA  
CC-HDMI-CD2  
Versa Cam



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