



Tools for
Advancing
Innovation

Included Software	10x-40x Magnification w/ Eyepiece	Integrated Features	Ergonomically Designed
Mosaic 2.1	11x-72x Magnification w/ Cam	11.6" 1080p HD Monitor	Ease of use with Monitor

DSZV-44

Stereo Zoom Microscope W/ Mighty Cam Pro USB/ HDMI Auto Focus Camera and 22" HD Monitor Included

Dual View Trinocular allows you to view images through both eyepieces and through the trinocular port simultaneously. Provides crisp clear 3D images and a wide field of view. 10x to 44x continuous zoom with 10x eyepieces. Includes Aven's Mighty Cam Pro USB+HDMI autofocus camera. View live images on an HD monitor or on a computer via the included Mosaic software. The camera also features an SD card slot for capturing images without a PC.



Features:

- Zoom ratio: 4.4:1
- Magnification range: 10x to 44x
- Field of view 23mm to 5.2mm (0.90" to 0.20")
- Working distance: 90mm
- Wide Field 10x Eyepieces (Field Number 23)
- Features both USB and HDMI outputs for viewing on an HD monitor or your computer
- Mosaic software included
- View live images, capture high resolution images and videos, measure, annotate, draw, create panoramic images, and more
- SD card port included for image capture without a computer
- Achieve instant auto focus with no need to adjust the optical lens

Mosaic Software

Compatible with Mosaic V2.1 Computational Imaging Software
Fast, efficient and worry-free is the core design concept of Mosaic V2.1 software. It adopts a new image "shooting-processing-measurement-reporting" function, modular design, and integrates various intelligent image processing algorithms. It is dedicated to providing users with more simple operation modes and improve work efficiency in all circumstances.

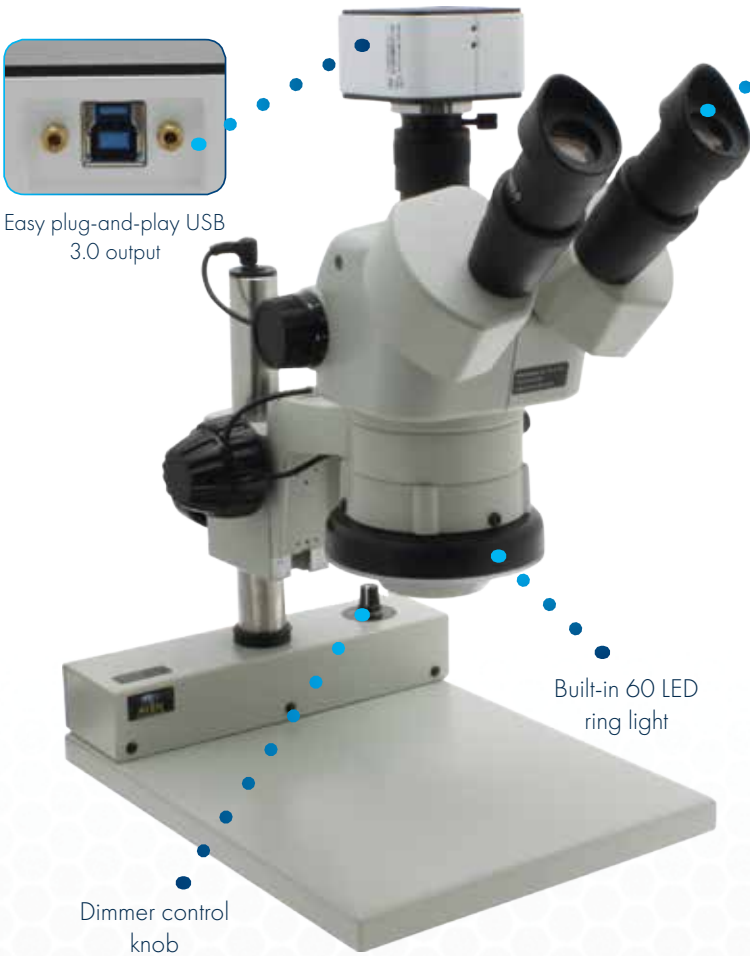
DSZV-44 Stereo Zoom Microscope w/ MightyCam Pro USB/HDMI Auto Focus Cam and 22" HD Monitor

Item Number	DSZV-44-258-512
Body	Trinocular
Resolution	2MP 1920x1080
Working Distance	90mm
Outputs	HDMI, USB2.0 and SD Card
PC Software	Mosaic 2.1
Eye Pieces	10x wide field (FN:23)
Package Contents	Mighty Cam Pro USB/HDMI Auto Focus DSZV-44 Stereo Zoom Microscope PLED Stand and 22" HD Monitor

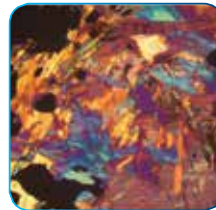
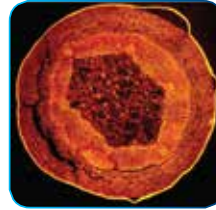
DSZV-44 Trinocular System on PLED

with Mighty Cam USB 3.0 6M CMOS Camera + Software

Dual View	High-Grade Optics	Imaging Software	PLED Stand
Monitor and Eyepieces	Unibody Design	Capture, share, measure image	Built-in Dimmer Knob



6.7x-50x magnification



FEATURES

- Magnification: 10x–44x with included 10x eyepieces
- Easy plug-and-play USB 3.0 6 megapixel CMOS camera
- Mighty Cam 3.0 USB camera with imaging software
- 60 built-in LED ring light with dimmer control
- Fine and course focus adjustment

DSZV-44 STEREO ZOOM TRINOCULAR MICROSCOPE SYSTEM WITH MIGHTY CAM USB CAMERA AND SOFTWARE

Item #	26800B-323
Illumination	60 LED Ring Light
Eyepieces	10x wide field (FN: 23) 45° inclined
Magnification	10x-44.4x (140.8x max with optional lenses)
Working Distance	90mm / 3.54in without auxiliary lens
Zoom Ratio	3.5:1
Field of View	23mm-5.2mm
Interpupillary Distance	52mm-75mm / 2.05in-2.6in
Diopter Adjustment	+5.6D-7.2D in both eyepiece tube
Optical System	Greenough
Stand Type	PLED
Package Contents	DSZV-44 Trinocular Microscope Body, Stand PLED 26800B-512, Mighty Cam USB 3.0 6M CMOS Camera with Imaging Software 26100-244

High Magnification and Superior Optics

Aven's DSZV-44 Stereo Zoom Trinocular Microscope offers super sharp 3D images, wide field of view, and long working distance. A 60-LED ring light is built into the focus mount and illumination is adjustable with the dimmer control knob. The focus mount also provides course focus adjustments. The Mighty Cam 3.0 USB has an effortless plug-and-play function and imaging and measurement software allows for image measurement, live image capture sharing, and more. Monitor not included.