Included Software	6.7-50x Magnification w/ Eyepiece	Integrated Features	Ergonomically Designed
Mosaic 2.1	34x-255x Magnification On-screen	22" 1080p HD Monitor	Ease of use with Monitor

SPZV-50
Stereo Zoom Microscope
W/ Mighty Cam Pro USB/HDMI Auto Focus Camera
On Double Arm Boom Stand

High definition 1080P auto focus inspection system with a 22" monitor offering superb image quality at 60 frames per second. You can operate this system with or without a PC. Without a PC camera connects directly to the included HDMI monitor. View and record images and perform measurements using the included on screen tools. Images & videos can be saved to the included SD card. Connect the camera to a PC to utilize more advance features in the included software. The included Fiber Optic LED provides bright, shadow-free illumination.

This system includes Aven's SPZV-50 Stereo Zoom Microscope. Viewing through the microscope a magnification range of 6.7x to 50x is obtained. On screen magnification range is 34x to 255x.

Features:

- Magnification: 6.7x to 50x
- On Screen magnification 34x - 255x
- Crystal clear high resolution images
- Easy adjust C-mount camera adapter for fine focusing
- Superior optics and reliable mechanical components
- Magnification range with optional lenses: 6.7x - 50x
- Built-in measurement software - no PC required
- Click stop zoom adjustment for accurate measuring
- View images through eyepiece or a monitor simultaneously
- USB and HDMI outputs - connect to PC or an HD monitor
- Includes advances measurement software for use with a PC
- High eye point of 17mm for comfortable viewing, even for operators with eye glasses
- Large zoom ratio gives this microscope exceptional versatility
- Multi-coated optical components, free from chromatic and spherical aberration
- Double arm boom stand allows positioning of the microscope over large areas
- Fiber optic illuminator helps save energy, is brighter and lasts longer
- HD Camera with built in SD card with 22in HD monitor produces high resolution images

SPZV-50 Stereo Zoom Microscope w/ MightyCam Pro USB/HDMI Auto Focus Cam and 22" HD Monitor

Item Number	26800B-382-PRO
Body	Trinocular
Resolution	2MP 1920x1080
Magnification	6.7x-50x | 34x-255x On-Screen
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 SPZV-50 Stereo Zoom Microscope Double Arm Boom Stand, Fiber Optic Illuminator and 22" Monitor

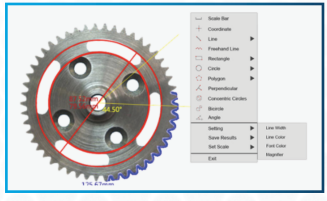| Included Software	HDMI, USB and SD Card Outputs	Auto Focus	60fps HDMI
Mosaic 2.1	Capture & Save Images Directly To SD Card	**Full HD 1080p**	30fps SD Card, PC and USB

Mighty Cam Pro
Auto Focus HDMI/USB/SD

Aven's Mighty Cam Pro is an all-in-one inspection auto-focus camera. This camera offers both USB and HDMI outputs for inspection from an HD monitor or your PC via the included Mosaic software. This camera features integrated measurement capabilities for measuring without a PC. This camera also features a built-in SD card port for capturing instant high resolution images with no need for a PC.

Macro Lens

Macro Lens

Micro Lens

Micro Lens

Integrated Measurement System *No PC Required*

Built in on screen tools provide powerful measurement functions including freehand line, rectangle, polygon, circle, bicircle, angle, point-line distance and much more. Three different length units of millimeter, centimeter and micrometer are provided to meet various measurement requirements in different applications.
Simple calibration tool is also included.

Mosaic Software Included
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.

Real-Time Image Stitching
It can generate large-sized mosaic images in a few seconds while moving the stage, which is light, smooth and worry-free! Real-time depth-of-field fusion.

Perfect Color Reproduction
Aven's color processing is capable of a new level of precision, matches the monitor image to the eyepiece view, produces extremely-high color definition.