

YSC Measurement 101 Software Comparison Chart

	MS101	MS101-HDMI4K	MS101-HDMI	MS101-V	MS101a
Capture still and movie images, label, measure (including reticles), time-lapse, draw on live image	●	●	●	●	●
View and enhance live images on computer screen	●	●	●	●	●
Capture still or moving images or time lapse	●	●	●	●	●
Labels, markers, time stamps, measurement of distance and angles: all on the live image.	●	●	●	●	●
Draw freehand and overlay graphics directly on the live image	●	●	●	●	●
Frame average to reduce noise and enhance image clarity	●	●	●	●	●
Live zoom (without pixelation) up to 4x and fit to screen (including full screen for computer projector).	●	●	●	●	●
Interactively adjust camera and light settings.	●	●	●	●	●
Export images for use in applications such as Adobe Photoshop	●	●	●	●	●
Support for plugins including GPS (stamping location and time on image) and Foot Pedal software.	●	●	●	●	●
Enhanced measurement tools: drag tools to measure distance, radius and angle, click tools to measure distance, radius, arc radius, angle.	●	●	●	●	
Relational measurement (ex. object-to-object distance)	●	●	●	●	
Reset coordinate system	●	●	●	●	
Picture-in-picture	●	●	●	●	
Freeze frame image captures	●	●	●	●	
Non-destructive overlays	●	●	●	●	
Annotate and measure images after capturing	●	●	●	●	
Export to Microsoft Excel	●	●	●	●	
Edge Detection	●	●	●	●	
Calibrated Overlays	●	●	●	●	
Multi-point Shape Fitting	●	●	●	●	
Un-distort Function	●	●	●	●	

Magnifier Window	●	●	●	●	
Arrow key and mouse wheel control for precise position of measurement tools	●	●	●	●	
Filters to isolate single color components	●	●	●	●	
OPTIONAL FEATURES:	MS101	MS101-HDMI4K	MS101-HDMI	MS101-V	MS101a
CAD File Overlays	○	○	○	○	
FocusLock for depth of focus enhancement	○	○	○	○	
Video Averager for improving images at low light levels	○	○	○	○	
Particle Analyzer for counting particles/colors in images	○	○	○	○	
GPS (Global Positioning System) includes GPS antenna to stamp position onto any still image or movie being captured.	○	○	○	○	
Foot switch to allow capture of still images and movies while performing two-handed inspection	○	○	○	○	
One Button Calibration	○	○	○	○	
Cameras with Windows DirectShow	●				●
Cameras with HD 1080p HDMI output			●		
Cameras with UHD 4K HDMI output		●			
Cameras with S-video and composite video output				●	

● Standard (Included) Feature

○ Optional Feature