

Macro Zoom™ Video Inspection Package

The Macro Zoom™ Video Inspection packages are uniquely qualified to inspect anything. This specialized lens system afford both high magnification, up to 60x, as well as the unique ability to allow for 12+” of working distance. You cannot find such versatility anywhere else.

The most innovative lens inspection system on the market! Our Macro Zoom™ video inspection system affords high magnification, as well as the ability to capture huge fields of view and large working distances. No other product can compare.

Our variable focal lens system allows for ‘on the fly’ focus adjustment. Simply position the lens at the exact working distance you require, and with a simple turn of the lower focal body, your lens is focused for precision inspection. Constructed with an adjustable aperture control, not only does this lens excel in low light situations, it can also be adjusted for increased contrast and reduced glare.

Included standard with this package is our ‘close up’ (under 12” WD) lens. At distances above 12”, you simply remove the ‘close up’ lens from the lower side of the package, and allow the lens to use ambient light for its illumination. With our sophisticated imaging accessories, you are assured quality images.

The Macro Zoom™ video inspection packages are available in either analog or digital variations. With our analog packages, they feature a superb 19” High Definition LCD monitor, as well as crystal clear ½” high sensitivity color analog camera.

Our digital packages are available standard with a 2.0MP (1600 x 1200) camera. Our optional model is 3.1MP (2048 x 1536). The small form factor of our cameras allows for maximum clearance beneath above-bench shelving. Simple USB2.0 plug and play design allows for near universal installation on any PC or laptop.



Smart Phone Enabled



Computer not included



TKDMACZ-LV2
Macro Zoom™ Digital Inspection Package
on Ball Bearing Base with
LV2000 LED Ring Light

TKMACZ-FA-LV2
Macro Zoom™ Analog Inspection
Package on Articulating Arm with
LV2000-B LED Ring Light



Smart Phone Enabled

Past the powerful specifications of our cameras, the heart of the digital inspection package is our user friendly Image Acquisition and Measurement software suite. Included standard with either resolution digital camera, this suite features a very intuitive GUI, and allow has a host of standard features:

- Still Image Capture
- Video Capture
- Measurement (featuring 13 measurement parameters)
- On Screen Reticle with full calibration performance out to six decimal places
- On Screen Annotation and Symbol placement
- Split Screen capability as well as Picture-in-Picture functionality