



Smart Phone Enabled

Exclusive ESD Safe Ergonomically

Our newest family of microscopes, the Ergo-Zoom™ series utilizes a common main objective optical design. Standard models are paired exclusively with ergonomically adjustable eyepieces!



Ergo-Zoom™ Adjustable Stereo-Zoom

TKEZ-850-LV2

Ergo-Zoom™ Binocular Package on Ball Bearing Base with LV2000-B LED Ring Light

The Ergo-Zoom™ series from O.C. White is setting the new standard for inspection performance. The Ergo-Zoom™ series comes in three magnification levels, and is completely modular so accessories can be added as you see fit.

Our Ergo-Zoom™ series is based around a common main objective optical design, which offers a crisper, distortion free image, as well as a much flatter field of view. The end result is the highest quality image you can achieve out of a microscope. Combine these excellent optical characteristics with the ergonomic adjustment, and large range of features, and you have a microscope series that is at home in any industry.

O.C. White exclusively offers ergonomically adjustable eyepieces standard. No one else in the world offers this, it is always an upgrade. The eyepieces are adjustable from 0 to 35° on the fly, and are useable anywhere in between. This adjustment allows for total microscope manipulation.



Angular Adjustment Standard on all Ergo-Zoom™ Microscopes

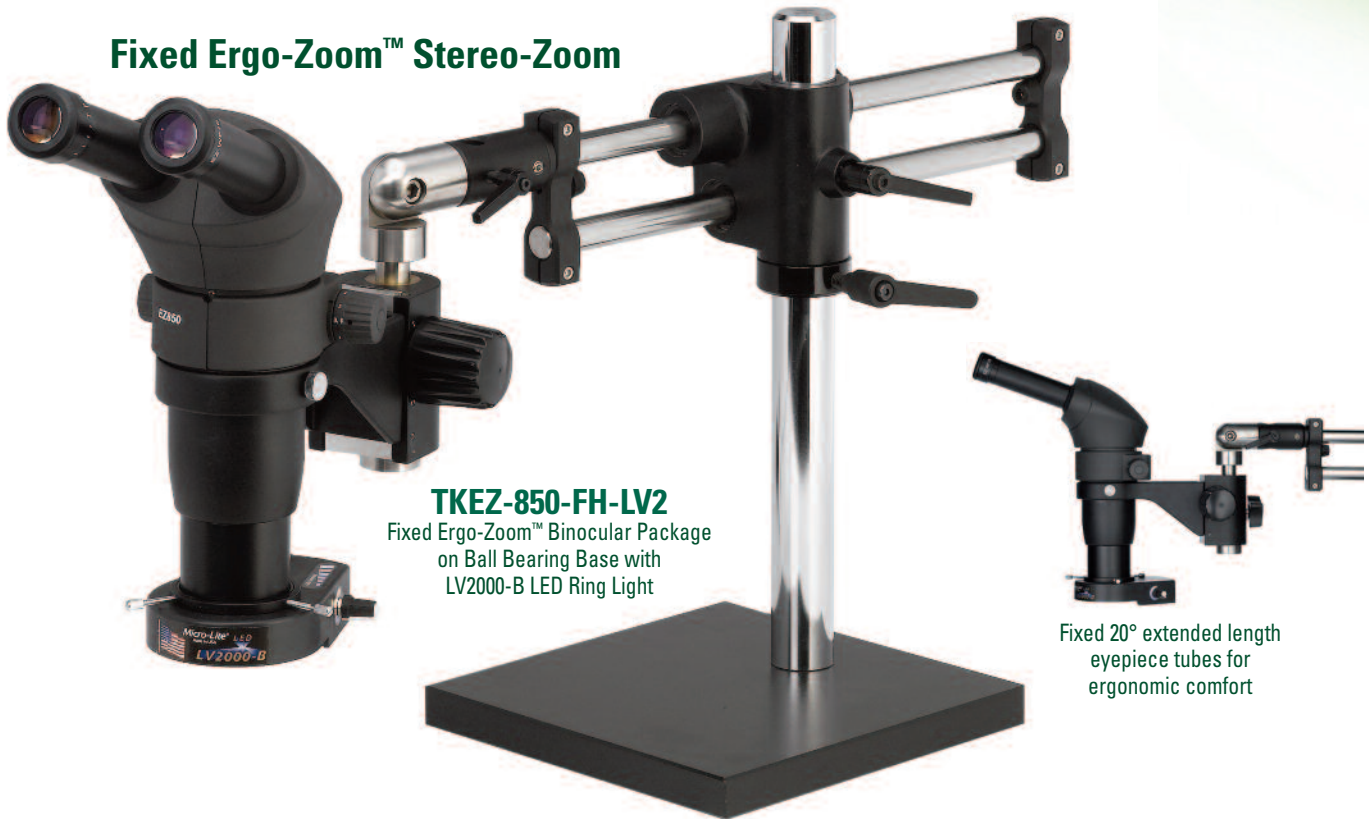
Adjustable Microscope Systems

No one else can bring you such value, performance, and versatility, all in one package... at an extremely competitive price!

- ESD Safe and RoHS Compliant
- Eyepieces adjust from 0 to 35° on the fly for total comfort
- Ideal for operators who use a microscope all day long
- Three standard magnification zoom levels (with 1x lens):
 - EZ-850 8-50x Mag. (up to 200x with options)
 - EZ-864 8-64x Mag. (up to 256x with options)
 - EZ-880 8-80x Mag. (up to 320x with options)
- Large selection of eyepiece and objective options
- Stainless steel ball bearing glide arms provide smooth movement and precise placement
- Striking matte black ESD safe coating
- Can be configured as standard binocular, trinocular, or dual trinocular microscope due to modular CMO design
- Analog and digital imaging packages available
- Unequaled quality at a very reasonable cost
- 5 Year Mechanical Warranty
- 230v versions available, consult factory



Fixed Ergo-Zoom™ Stereo-Zoom



TKEZ-850-FH-LV2
Fixed Ergo-Zoom™ Binocular Package
on Ball Bearing Base with
LV2000-B LED Ring Light

Fixed 20° extended length
eyepiece tubes for
ergonomic comfort

The Ergo-Zoom™ series comes in three standard magnification levels; 8-50x, 8-64x, and 8-80x. Optional eyepieces and objectives are available to increase these ranges up to 320x. As this microscope series is modular, any of the three microscope configurations can be converted into a trinocular microscope with the addition of the EZ-Splitter. No longer is your microscope 'obsolete' when you need to expand the microscopes capabilities!

Also available with this series is the new fixed 20° eyepiece head. The combination of long eyepiece tubes, and shallow angle, provide superb ergonomic comfort and performance. No other microscope series affords such functionality and interchangeability options.

Ergo-Zoom™ Trinocular Microscopes Systems

No longer is your microscope 'obsolete' if you decide to add video inspection capabilities down the line. With choice of single or dual monitor support, the Ergo-Zoom™ series is the most flexible on the market!

Only the highest quality digital cameras will work with microscopes of this caliber. O.C. White offers two digital cameras, each featuring a sophisticated, yet easy to use interface. The standard digital camera is 2.0MP (1600 x 1200), and our optional model is 3.1MP (2048 x 1536). The small form factor of our cameras allows for maximum clearance beneath above-bench shelving, and simple USB2.0 plug and play design allows for near universal installation on any PC or laptop.

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 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



Computer not included



TKEZ-850-LV2

Shown with Optional Single Trinocular Beam Splitter and Digital Inspection Package



TKEZ-850-FH-LV2

Shown with Optional Single Trinocular Beam Splitter and Analog Inspection Package



For production use, the Analog Inspection variation of our Ergo-Zoom™ microscope is among the best. We feature a superb 19" High Definition LCD monitor, as well as crystal clear 1/2" high sensitivity color analog camera. As we use only name brand components of the highest caliber, our optical performance cannot be matched.



Computer not included



TKEZ-850-LV2

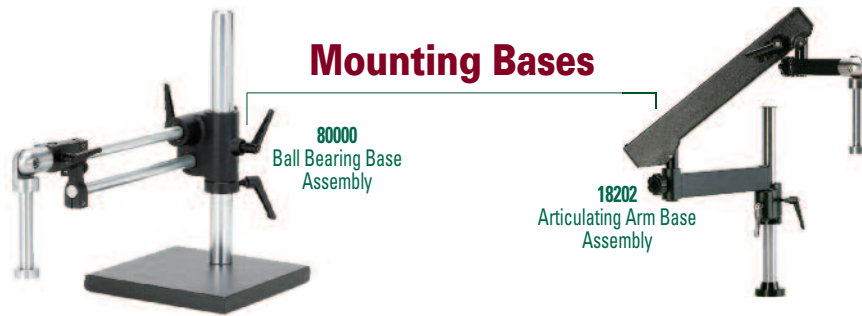
Shown with Optional Dual Trinocular Beam Splitter and Both Analog and Digital Inspection Package



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Ergo-Zoom™ Microscope Configuration Chart

Mounting Bases



Optical Components



Imaging Accessories

Please Consult Factory for Imaging Options

Illumination

