

MicroZoom

Modular High Configurations

In a world of 'one size fits all' solutions, let MicroZoom show you there is a better way! This ultra high magnification inspection family can be configured literally hundreds of ways, to your exact magnification and working distance requirements. Featuring a wide selection of CCD adapters, right angle adapters, auxiliary lenses, and specialized adjustable focal length design, there is certain to be a configuration to meet your specific inspection challenge.



TKMACZ
with 22" LED Monitor
(shown with optional LV2000-B)

TKVZ-LV2



ULTRA HIGH RESOLUTION MAGNIFICATION

Let's face it... components are not getting bigger any time soon. You need a next generation inspection system that has the ability to handle today's production & QA tasks, as well as be able to be scaled for future higher magnification requirements. Unlike every other inspection solution currently on the market, MicroZoom gives you the best of all worlds. With the highest resolution lenses, the largest available optical magnification range in the industry (up to 445x), and biggest selection of accessories, you can future-proof your investment. With its simple modular assembly, upgrading to higher magnification ranges and various working distances could not be easier!

SPECIALIZED FINE FOCUS ADJUSTMENT

If you are inspecting products under a traditional microscope, you have to constantly raise and lower the unit to see components at different heights. With MicroZoom, and its specialized fine focus adjustment feature, that is a thing of the past! At the bottom of the main lens is a special knurled adjustment which allows for fine refocusing both upwards and downwards, without ever changing the height of the inspection system! Especially convenient when working at high magnification, this adjustment allows for precision refocusing without any loss of image fidelity.

FEATURES:

- ESD Safe
- Magnification Up To 445x
- Made in the USA with Domestic & Global Parts
- 5MP Hybrid HDMI/USB Camera
- Exclusive Design Works Without a PC
- Imaging Tools Include Capture, Calibrated Measurement, Split Screen, & More
- Available as Camera Only, or with Choice of 12.1" or 22" LCD Screen
- Ultra High Image Resolution for Mission-Critical Applications
- 5 Year Mechanical Warranty... **Best in the Business!**

9 Languages Supported








简体中文
繁体中文
English
한국어
Deutsch
Italiano
Le Français
日本語
El Español

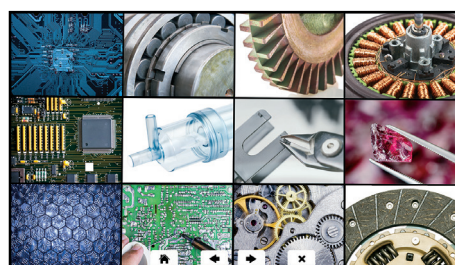
Imaging Tools Detailed Explanation

AIMS ADVANCED IMAGING & MEASUREMENT SUITE

INTEGRATED SOFTWARE FUNCTIONS FOR ALL CAMERA BASED SYSTEMS

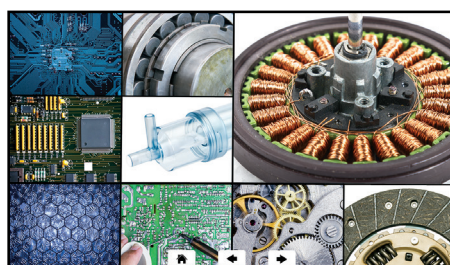
All MicroZoom inspection packages ship with our exclusive 5MP Hybrid HDMI/USB Camera. This exceptional smart camera pulls double duty for both production and quality assurance needs. It features both HDMI and USB outputs, and has integrated smart camera controls with a host of onboard software features including:

Standard Onboard Image Controls Including:				9 Languages Supported	Exclusive PC Suite Features:	
						
IMAGE CAPTURE	REAL TIME COMPARE	CALIBRATED MEASURE	ULTRA-HIGH SENSITIVITY	LANGUAGE SUPPORT	EXTENDED DEPTH OF FOCUS	IMAGE STITCHING
Quickly capture image and videos while inspecting directly to the 8GB SD card. Sort and archive to a PC.	Compare live video feed with previous captured images. Search and sort for instant comparison.	An entire array of Measurement Tools for high precision and repeatable measurements without a PC!	Industry leading low light sensitivity allows for crystal clear images where competitors cameras fail. The result means less glare!	Currently, 9 languages are supported, including: English, Spanish, German, French, Japanese, Italian, Korean, & both traditional and modern Chinese.	This specialized tool allows for 'stacking' of multiple images of tall objects taken at various focal lengths, into a single super high clarity image.	Inspecting something that is just too big to view all at once? Capture multiple images of the object, then 'stitch' them together digitally to create a single extra-large image.



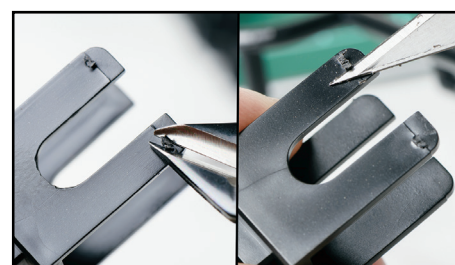
Browse Captured Images

Quickly scan through previously saved image and video captures. This full field archive allows for quick image pull-up and the ability to sort and delete images no longer needed. An 8GB SD card is included with every system to transfer images and videos from system to remote PC for archiving, emailing, etc.



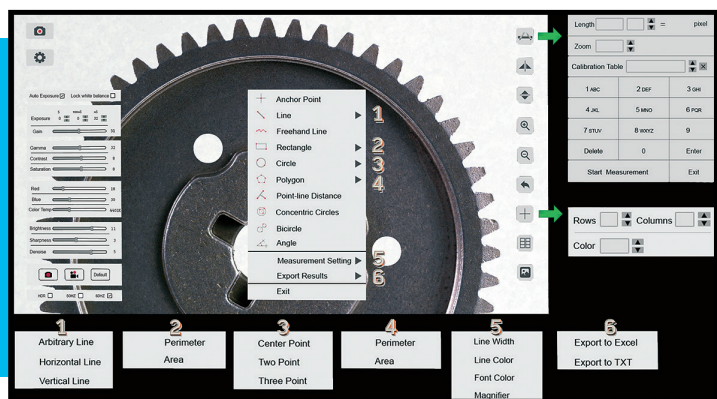
Compare While Working

Upper Right-hand window features the live video feed, while all previously captured images are tiled around it. This feature allows for real-time searching of previously captured good (or bad) examples for instant comparison.



Split Screen Viewing

Excellent training tool! Pull up a previously saved capture (left pane) and compare with live image on the right! This interactive screen is excellent for showcasing pass/fail to multiple people at once. Ever have to train a group of new employees all at once? It has never been easier for all employees to see the same details, at the same time.



FULL FUNCTIONALITY WITHOUT USING A PC!

Calibrated On-board Measurement Couldn't be Easier.

This built-in **Advanced Imaging & Measurement Suite** comes out-of-the-box, ready for Bench Production. Complete with an entire array of Measurement Tools for High Precision, Repeatable Measurements.