



FOCUSED | QUALITY

Quality inspection &
measurement systems

INSPECTION SYSTEMS

Increased user comfort, accuracy and productivity with reduced operator back and eye strain.

Eyepiece-less Stereo Microscopes

MANTIS PIXO

NEW!

Ergonomic Stereo Microscope

- Magnification range – 3x - 15x
- Multiple stand options
- 3 Lens multi-view turret
- High quality three-dimensional image
- With integrated digital 5MP camera and image capture software
- Reduced operator eyestrain
- Long working distance
- Dual independent LED banks with 3D dynamic lighting
- Super long working distances objectives - SLWD (Opt.)
- Pilot (floating) stage (Opt.)
- Multi lighting options (Opt.)
- Episcopic Illumination (Opt.)
- Ultraviolet Illumination (Opt.)
- Dimensioning software (Opt.)



MANTIS ERGO

NEW!

Ergonomic Stereo Microscope

- All features of PIXO without the integrated 5MP camera for image capture/sharing



MANTIS IOTA

NEW!

Ergonomic Stereo Microscope

- Magnification range – 3x - 8x
- Multiple stand options
- Single mount
- Interchangeable lenses
- Reduced operator eyestrain
- High quality three-dimensional image



Digital Inspection Systems

Makrolite 4K

Ultra high definition 4K digital microscope

- Sharp real-time 4K video without image delay
- Magnification range – 3x - 330x
- 20:1 optical zoom
- Multiple stand options
- Wide dynamic range
- Two configurations:
 - Console system
 - PC system for use with dimensioning software
- Simple documentation and image archiving



Lynx EVO

High productivity stereo zoom microscope

- Magnification range – 2.7x - 240x
- Multi-axis or Ergo stand
- LED lighting, substage illumination
- 360° oblique and direct rotating viewer
- 5MP “Smart Cam” option
- Superior ergonomics
- Image & video capture (Opt.)
- EVOTIS - inspection station (Opt.)



DRV-Z1

Digital stereo 3D viewer with zoom

- Magnification range – 6x - 186x
- 3D view, capture and share
- Unique 3D without the need for special glasses
- Remote viewing and peer-to-peer sharing of live 3D video (Opt.)
- Live communication across sites between DRV's for real time collaboration (Opt.)
- Substage and diffused lighting (Opt.)



VE Cam

Compact full HD digital microscope

- 1080p resolution
- Magnification range – 6x - 50x
- 5:1 zoom ratio
- Wireless screen mirroring
- Touch screen compatible
- 10 user defined presets
- Stand and monitor mount options



EVO Cam II

High definition digital microscope

- Exceptional high resolution 1080p/60fps image quality
- Magnification range – 1.7x - 300x (optical)
- 30:1 optical zoom
- Multiple stand options
- Capture and record images
- Large field of view and working distance
- Console remote (Opt.)
- EVOTIS - inspection station (Opt.)



MEASUREMENT SYSTEMS

All systems supplied with M-Series software - advanced functionality and comprehensive reporting capabilities.

Optical & Video Measurement Systems

Swift PRO - Elite / Cam / Duo

Ideal upgrade from an optical comparator, toolmakers microscope or an existing video measuring system

- Magnification range - 10x - 100x
- 2 or 3-axis measurement
- 200mm x 100mm measuring range
- 1 µm least count
- Optical or video measurement, OR dual optical-video measurement
- Easy measurement of complex parts with M3 measuring software



Hawk (Manual or CNC)

3-axis optical and video measurement

- Magnification range - 10x - 1000x
- 3 axis measurements
- Measurement capacity:
 - 150mm x 150mm
 - 400mm x 300mm
- 0.5 µm least count
- Dual optical and video measurement
- Superior resolution
- Easy measurement of complex parts with M3 measuring software



Video Measurement Systems

TVM (Manual or CNC)

Place and measure (FOV) video measurement system

- 20mm or 35mm FOV.
- Collimated light source
- Rapid 2D measurement
- Place and measure functionality
- 1µm least count
- Easy measurement of complex parts with M3 measuring software
- 200mm x 100mm measuring stage (Opt.)
- CNC moving stage (Opt.)



LVC Series

3-axis CNC video measurement system with optional touch probe capability

- Magnification range - 55x (30x) - 370x (700x)
- 3 axis CNC measurement
- Measuring ranges up to:
 - 400mm x 300mm x 200mm
 - 200mm x 150mm x 200mm
- 5MP camera (6.4MP Opt.)
- 0.1 µm least count
- Motorised measuring stage and lens
- Easy measurement of complex parts with M3 measuring software
- 3D touch probe (Opt.)



Software

Our software packages are designed for all user levels and powerful enough to give you the results you need.

- **ViPlus** - image capture, enhancement and measurement with advanced focus stacking & edge detection tools
- **ViCapture** - easy to use, everyday image capture and annotation software
- **Metlogix M Series** - Advanced functionality and comprehensive reporting capabilities
- **DimensionOne** - ideal for the simple measurement of a subject's features and for adding annotations to captured images
- **DimensionTwo** - take quick, accurate measurements of simple features of a subject, with edge detection. Performs optimally with EVO Cam II



Stereo Eyepiece Microscopes

SX Elite 25 / 45 / 45TR

Stereo binocular & trinocular microscopes

- Magnification range - 4x - 200x
- Up to 220mm working distance
- Greenough design with excellent optical clarity
- Multiple stand options
- Camera kit with software (Opt.)



Bench Magnifiers

Vision LUXO Bench Magnifiers

High quality industrial illuminated magnifiers

- 3.0 dioptre - 5.0 dioptre (1.75x - 2.25x)
- Secondary lenses 4D, 6D, 10D to increase magnification from 2.75x - 4.25x
- Available with 1000mm or 1050mm perfectly balanced arms
- Powerful illumination with excellent controllable light output
- ESD and UV models available
- BenchKam magnifier camera (Opt.)

