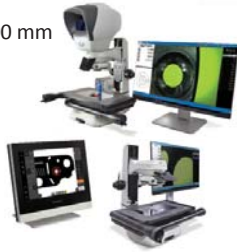


Optical Measurement Systems

Swift PRO - Duo / Cam / Elite ☐

'Shop Floor' Measuring microscope / Dual optical-video option

- Measuring stage 150 x 100 mm / 200 x 100 mm
- Magnification x10, x20*, x50, x100
- Optical 2-axis and 3-axis measurement or
- Optical and / or video measurement
- Workshop microprocessor (QC 3000) or measurement software



Hawk - manual or VED ☐

Manual measuring microscope / with PC software or PC based optical/video measuring platform

- Measuring stage up to 400 x 300 mm
- Magnification range x20* - x1000
- 3-axis optical measurement
- Various types of report functions
- High repeatability
- CAD importation facility
- For demanding measurement tasks



Falcon - VED/CNC ☐

Video measurement in 3 axis

- 2 Measuring stage options
- Functional zoom-optic up to x100
- Indexed aperture / iris control
- Motorised Z-axis control
- PC based video measurement software



TVM/Xpress - Digital Measuring Microscope ☐

Geometric measurement almost in real-time

- Rapid, accuracy 2D measurement within the field of view (FOV)
- Place the part and press functionality
- No need for sample positioning
- Reduced measurement time
- Exceptional ease of use



* Magnification x20 as standard - other options available.

For more information...

Vision Engineering has a network of offices and technical distributors around the world. For more information, please contact your nearest Vision Engineering branch, local authorised distributor or visit our website.

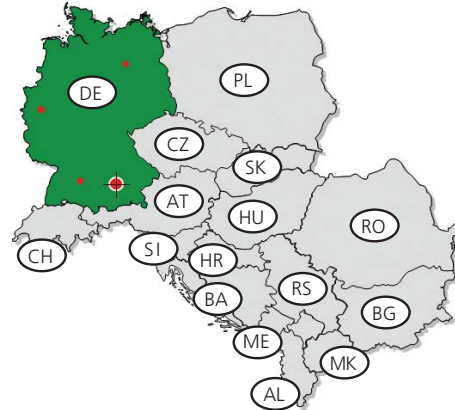
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World Leader of ergonomic eyepiece-less microscopes since 1958

Distributor



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ENGINEERING

Superior ergonomics



Product Range

- Stereo Microscopes
- Digital Microscopes
- Optical Inspection Systems
- Non-Contact Measurement Systems
- Workshop Measuring Microscopes
- Laboratory/Routine Microscopes
- Video Inspection Systems
- Bench Magnifier
- Service, Maintenance & Calibration

YouTube



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Vision Engineering Ltd. has been certified for the quality management system ISO 9001:2008.

Vision Engineering

Stereo inspection systems and stereo microscopes

All Vision Engineering stereo inspection systems offer a 3D image that gives the user an excellent depth perception. They are used in manufacturing, electronics, precision engineering, plastics, medical device and life science laboratories around the world.

Optical measurement systems and measurement microscopes

Vision Engineering is a leading designer and manufacturer of non-contact measurement equipment. From easy to use and cost-effective 2-axis measurement microscopes to fully automatic 3-axis measurement platforms with video edge detection (VED), powerful advanced handling capabilities. Thousands of manufacturers around the world use Vision Engineering systems for measurements on components and a wide variety of production applications including quality control.



Vision Engineering’s reputation is built on innovative design, advanced optical technology and ergonomically superior products. The product range incorporates a range of exit pupil expansion technology patents. Expanding the exit pupil results in the maximum axial and radial head freedom, which is vital for viewing tasks that take a long time or require repeated and precise checks. The combination of microscope resolution, image quality and patented exit pupil expansion result in unrivalled levels of ergonomics, sustaining operator accuracy, speed and efficiency.



Vision Engineering’s patented Dynascope™ technology



Conventional eyepiece microscope

Eyepieceless Stereo Microscopes

Mantis Compact

Stereo viewer

- Magnification range x2 - x8
- Reduced operator eyestrain
- Universal or bench stand
- Incomparably three dimensional viewing



Mantis Elite / Elite-Cam HD

Stereo viewer (HD camera optional)

- Magnification range x2 - x20
- Reduced operator eyestrain
- Universal or bench stand
- Quick change lens systems
- Optional with integrated digital camera (Mantis Elite-Cam HD), and image capture & dimensioning software.



Elite-Cam HD with integrated USB2.0 digital camera.

Lynx EVO

Stereo zoom microscope

- 6x - 60x magnification (240x max.)
- Eyepiece-less optics
- LED lighting, substage illumination
- Multi-axis or Ergo stand
- 34° Oblique and direct viewer
- Image archiving software
- Full HD Smart Cam option



Lynx EVO with Smart Cam, monitor & software.

Bench Magnifiers - Vision LUXO

Wave / Circus / LFM G2 / KFM

LED/ESD/UV Bench magnifier for industrial applications

- Magnification: 3.5 and 5 dioptr
- Self-balancing, flexible arms
- Newest LED technology

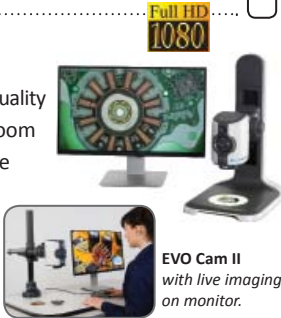


Digital Inspection

EVO Cam II

Full HD (1080p) digital microscope

- Stunning full HD (1080p/60fps) image quality
- Magnification up to 300x with 30:1 zoom
- Large field of view and working distance
- Effortlessly capture and record images
- Image storage direct to USB stick
- Optional docu/measurement software



EVO Cam II with live imaging on monitor.

Camβ (CamBeta)

Handheld digital magnifier for a simple portable inspection

- Magnification stepwise from 4x - 20x
- Internal image memory (20,000 images)
- Image transfer via USB
- Adjustable measuring lines or 1mm grid
- Live view via HDMI to monitor or TV



Eyepiece Microscopes

SX25, SX45, SX80/100

Stereo zoom microscope family

- Education, Routine, Science
- Magnification 4x - 320x (optional)
- Binocular/Trinocular optics
- Range of stand configurations
- LED, Zoom indexing, etc.



TIM5 - Material/Metallurgical

Routine microscope for laboratory and QS

- Brightfield objectives 5x, 10x, 20x, 50x, 100x
- Trinocular optics, wide field eyepieces 10x/22
- Integrated 24V100W halogen illumination
- BF/DF - Brightfield/darkfield illumination

