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EVOTIS: Technical inspection system for electronics and industrial applications

QUALITY

FOCUSED



MAGNIFICATION + FLEXIBILITY

EVOTIS is an advanced inspection workstation for large area subjects such as PCBs and palletized components. Independently lockable X-Y axis movement allows methodical inspection scanning along rows of features.

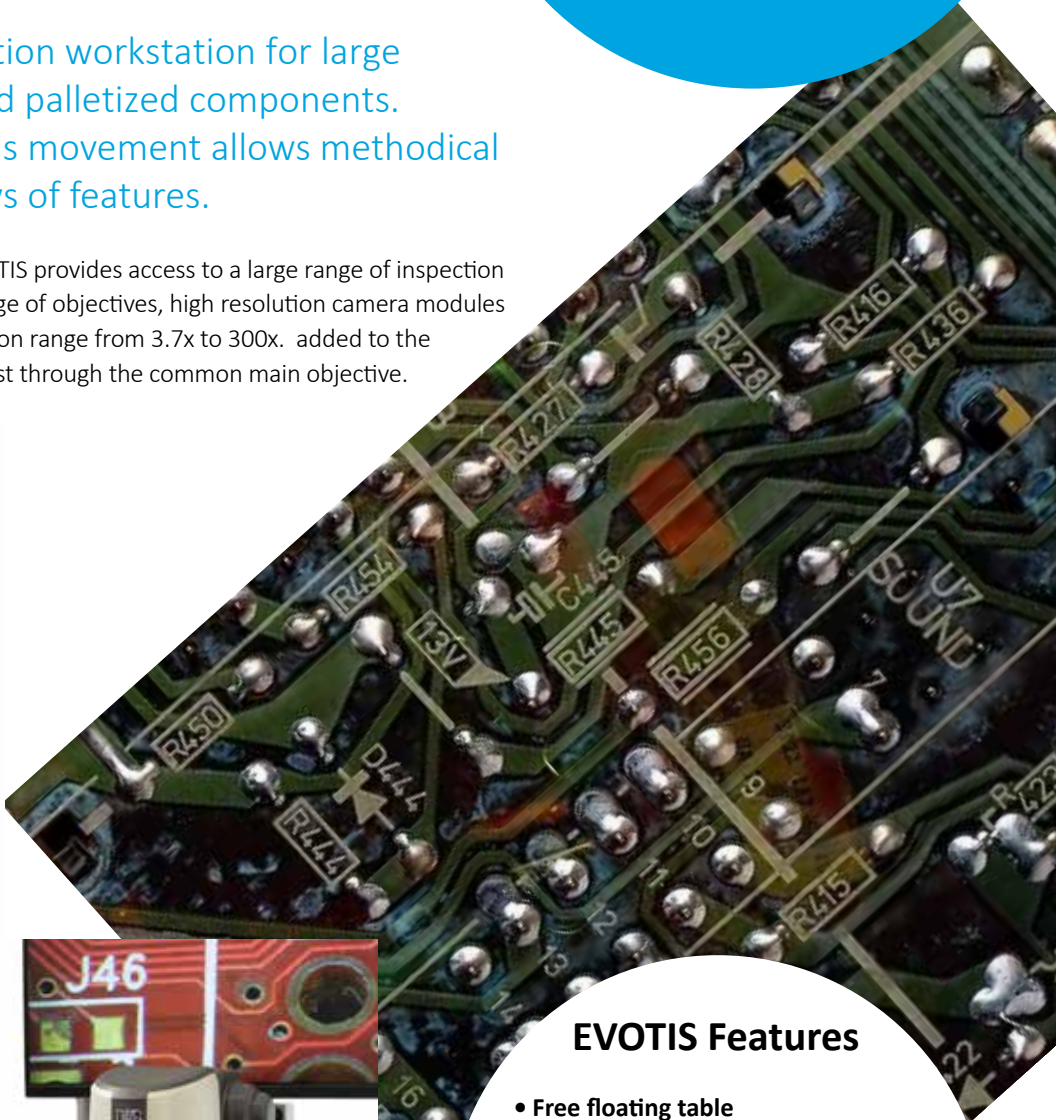
Compatible with Lynx EVO and EVO Cam, EVOTIS provides access to a large range of inspection tools, including 360° rotating viewer, wide range of objectives, high resolution camera modules and reticles, and giving a potential magnification range from 3.7x to 300x. added to the configuration, without loss of clarity or contrast through the common main objective.

Key features

- Fast inspection of large and complex components
- Independently lockable X-Y stage for methodical inspection along features
- 25° tilt wedge for fixed position oblique viewing
- Compatible with unique 360° rotating viewer
- Specially coated ESD base board and earthing point for static safe inspection



EVOTIS with Lynx EVO, 360° viewer and SmartCam5



EVOTIS with EVO Cam II and 360° viewer

EVOTIS Features

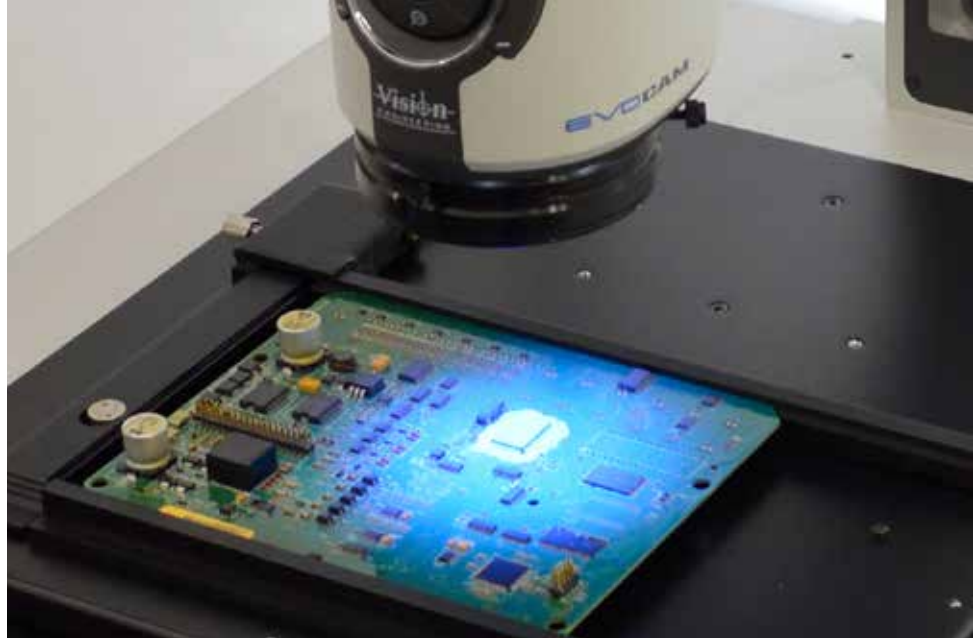
- Free floating table
300mm x 250mm
460mm x 460mm
- 25° tilting wedge
- Optional 28mm and 50mm 'stand-off' kit
- Available with compact, standard and large bases
- Base board with ESD coating and earthing point

stage footprint and dimensions

Compact* 646mm x 668mm

Standard 806mm x 743mm

Large 1108mm x 905mm

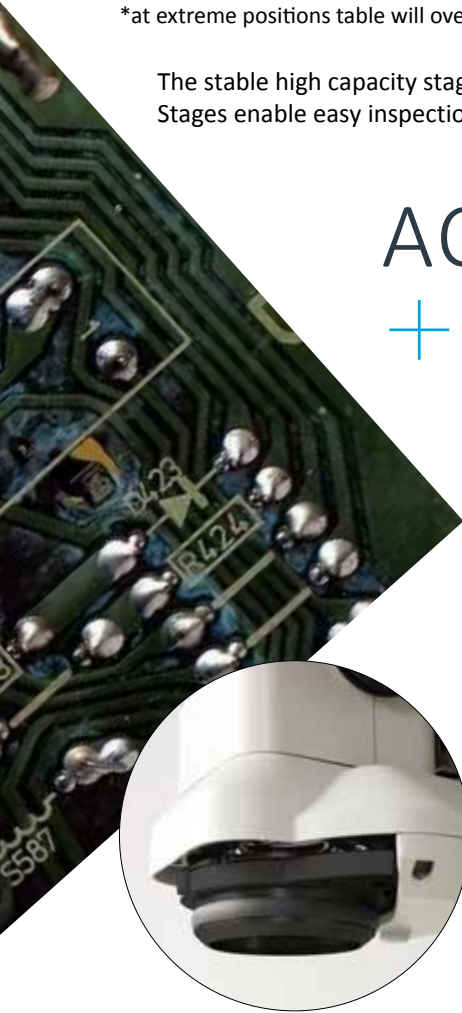


EVOTIS with EVO Cam II and UV light accessory

*at extreme positions table will overhang base

The stable high capacity stages provide free floating movement for all sizes of board, including double sided PCBs. Stages enable easy inspection of difficult to handle items and can be locked for precision inspection tasks.

ACCESSORIES + TECHNICAL INFORMATION



360° viewer

Common to both Lynx EVO and EVO Cam systems it allows a rotating oblique view of 34° from 360° around a feature as well as the expected direct view. Making it easy to see side details around features as well as the usual top surface. Especially useful for joints, holes, pillars and threaded forms.



Lynx EVO

EVO Cam II

MAXIMUM COMPONENT HEIGHT BY OBJECTIVE

Objective	Lynx EVO	EVO Cam II
0.62x	47mm	37mm
1.0x	98mm	74mm
1.5x	106mm	82mm
with 360° viewer	39mm	39mm

MAGNIFICATION RANGE

Magnification	Lynx EVO	EVO Cam II
Magnification	3.7x - 180x	5.5 - 300x
Additional objectives	0.62x, 1.0x and 1.5x	0.62x and 1.0x

ACCESSORY OPTIONS

Accessory Options	Lynx EVO	EVO Cam II
360° viewer	✓	✓
Image capture	✓*	✓
Imaging software	✓*	✓
Compatibility with all system objectives/accessories	✓	✓
1.5x and 2.0x multipliers	✓	
Polarization filter set		✓
White/UV quadrant ring light		✓
External keypad		✓

*image capture available with optional camera SmartCam/SmartCam5. Software included with camera.

VISION ENGINEERING + OUR DIFFERENCE

Vision Engineering Ltd. has been designing and manufacturing high quality ergonomic microscopes, digital instruments, inspection and non-contact measuring systems for over 60 years.

Innovation

With a philosophy of design innovation, Vision Engineering holds world patents for a number of optical / digital techniques, significantly improving viewing ergonomics and enabling customer quality and productivity improvements.

To see our focused quality, please contact your Vision Engineering branch, local authorized distributor, or visit our website: visioneng.us



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Quality

Vision Engineering prides itself on quality products, electronics, mechanics and optics and is certified for the quality management system ISO 9001:2015. Quality is as important to us as our customers. Our systems have proved themselves many times over and are chosen by the world's best companies.

Global

Vision Engineering has manufacturing and design facilities in the UK and USA, plus sales and support offices throughout Europe, the Far East, Asia and the Americas. We support our customers with close technical and service support anywhere in the world.

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Vision Engineering Ltd. has been certified for the quality management system ISO 9001:2015.