

# EVOTIS

## Technical Inspection System

For electronics and industrial applications

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

Compatible with Lynx EVO and EVO Cam II, 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.



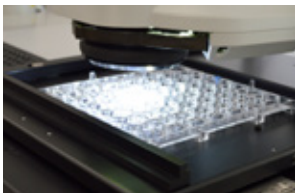
- Fast inspection of large and complex components
- Independently lockable X-Y stage for methodical inspection along features
- 25° tilt wedge for fixed position oblique viewing
- Compatible with unique 360° rotating viewer
- Specially coated ESD base board and earthing point

### EVOTIS with Lynx EVO

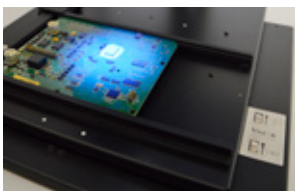
- ✓ Ergonomic eyepiece-less stereo 3D view
- ✓ 3.7x to 180x magnification
- ✓ Compatible with Lynx EVO objective lenses & accessories

### EVOTIS with EVO Cam II

- ✓ Large field of view system
- ✓ 5.5x to 300x magnification
- ✓ Compatible with EVO Cam objective lenses & accessories



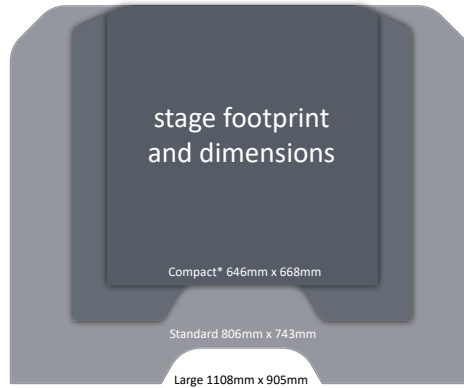
Common to both Lynx EVO and EVO Cam systems it allows a rotating oblique view of 34° from 360° around a feature as well as the expected direct view. Making it easy to see side details around features as well as the usual top surface. Especially useful for joints, holes, pillars and threaded forms.



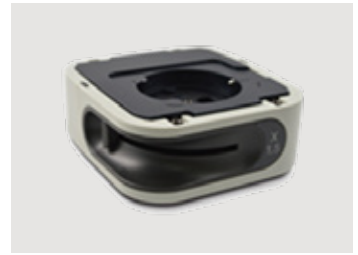
The stable high capacity stages provide free floating movement for all sizes of board, including double sided PCB's. Stages enable easy inspection of difficult to handle items and can be locked for precision inspection tasks.

## Key Features - EVOTIS

Free floating table: <ul style="list-style-type: none"> <li>• 300mm x 250mm</li> <li>• 460mm x 460mm</li> </ul>
25° tilting wedge
Optional 28mm 'stand-off' kit
Available with compact, standard and large bases
Base board with ESD coating and earthing point



\*at extreme positions table will overhang base



**Multiplier**



**Objective**



**360° rotating viewer**



**SmartCam**

## Key Features - EVOTIS with Lynx EVO

Eyepiece-less stereo view (3D)
3.7x – 180x magnification
360° rotating viewer
Compatible with Lynx EVO objectives and accessories
Image capture with SmartCam/SmartCam5 cameras
Accessories <ul style="list-style-type: none"> <li>• SmartCam/SmartCam5</li> <li>• Multipliers 1.5x and 2.0x</li> <li>• 0.62x, 1.0x and 1.5x objectives</li> </ul>

### Maximum component height by objective

Objective	Max. Component Height
0.62x	47mm
1.0x	98mm
1.5x	106mm
360° viewer	84mm

## Key Features - EVOTIS with EVO Cam II

Large zoom range camera
5.5x – 300x magnification
360° rotating viewer
Compatible with EVO Cam objectives and accessories
Stand alone or PC connection
Accessories <ul style="list-style-type: none"> <li>• 0.62x and 1.0x objectives</li> <li>• Polarising filters</li> <li>• White/UV quadrant ring light</li> <li>• External keypad</li> </ul>

### Maximum component height by objective

Objective	Max. Component Height
0.62x	37mm
1.0x	74mm
1.5x	82mm
360° viewer	39mm

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