

# *Dynascope*<sup>®</sup> VS8



## **VS8 Stereo Dynascope INSPECTION STATION**

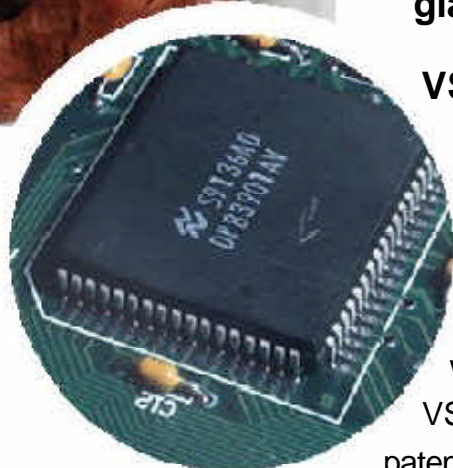
**for Printed Circuit Boards,  
including Fine Pitch, Surface  
Mount, TAB & BGA technology.**

- Increased operator throughput
- Improved fault detection
- Reduced scrap rates
- Superb resolution and contrast
- High Magnification
- Swithable angled view
- Comfortable use while wearing glasses, contact lenses etc.

**VS8 Stereo Dynascope is the latest  
version of Vision Engineering's  
world leading PCB inspection  
technology.**

Stereo Dynascopes are in use in tens of  
thousands of PCB manufacturing sites  
worldwide.

VS8 incorporates Vision Engineering's  
patented LYNX<sup>®</sup> eyepieceless stereo  
microscope or the COBRA<sup>®</sup> high magnification  
Expanded Pupil Microscope. Both systems  
provide maximum ergonomics to increase  
operator efficiency.



### **TASKS INCLUDE**

**Direct View High Magnification Angled View Option**

**Rotation Angled View Static Safe & Earthed Double Sided PCB Welding**



VS8 Scanning System with  
*LYNX* Eyepieceless Head



VS8 Scanning System with  
*COBRA* Expanded Pupil Head

	Board Capacity	Viewing Area	Weight	
			Unpacked	Packed
<b>Standard</b>	310mm x 310mm	300mm x 250mm	38.5kg (max)	52.5kg (max)
<b>Large</b>	460mm x 250mm	450mm x 250mm	54kg (max)	73.5kg (max)

### Optical:

- Lynx<sup>®</sup> Dynascope afocal stereo zoom eyepieceless microscope providing a 26.4° field angle and maximum head and body freedom.
- Cobra<sup>®</sup> Expanded Pupil providing head and body freedom combined with higher magnification.

### Zoom Magnification:

- 6-40x basic zoom range increased by multipliers (see chart below for magnifications).
- Zoom Ratio 6.6:1
- Secondary Multipliers 1x, 1.5x, 2.0x

### Stands:

- Stable, static safe scanning stand.
- Earthing point.
- Free floating, quick release PCB holder: Lockable.
- Double sided PCB holder.
- Anti-glare sidescreens.
- 2 stage sizes.

### Illumination:

- 250w/24v Halogen Ringlight fixed to 34° rotating oblique and direct viewer (60 hours life, low cost lamp)
- Substage illumination (Bench stand only) 20w/12v Dichroic Lamp (200 hours life)

### Oblique and Direct Viewer:

- 34° from vertical rotating viewer, giving angled view of components.
- Swing out for direct view.
- Viewer available as manual fingertip control.
- Viewer available with motorised rotation; motorised swing out, variable speed and remote control.

### Accessories:

- Vertical or crossline measuring reticule and calibration ring.
- Camera adaptors for digital cameras, CCTV, 35mm, Polaroid, archiving software.

### Optical Information:

Host Unit	Viewing Angle	Magnifications		Working Distance	Field of View at Max. Zoom	Field of View at Min. Zoom
		Direct	Angled View			
<b>Lynx</b>	Directly down and 34° from vertical	6-40x	4-28x	28mm	3.5mm	24mm
<b>Cobra</b>	Directly down and 34° from vertical	12-80x (with multiply)	8-56x (with multiply)	28mm	1.75mm	9.75mm



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