



LYNX[®] Stereo Dynascope Stereo Microscope without Eyepieces

with multiple accessory options

- Superb resolution and contrast
- Head and body freedom
- Freedom to wear glasses
- Increased operator throughput
- Reduced scrap rates

LYNX[®] is a further development of Vision Engineering's patented DYNASCOPE[®] technology.

LYNX offers exit pupil expansion and a resultant massive increase in eye relief and freedom of head and body movement.

This breakthrough is achieved by the use of a multi-faceted rotating lenticular disk. Over 3.5 million discrete image forming surfaces provide an exit pupil with an area 64x larger than that of conventional eyepiece microscopes.

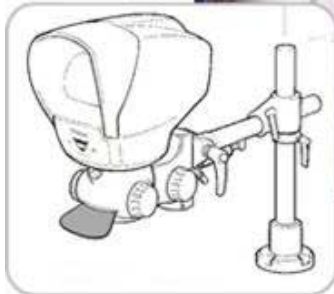
The resulting high degree of radial and axial head freedom and the freedom to wear eye-glasses or contact lenses, result in major improvements in operator comfort, efficiency and throughput over prolonged working periods.



TASKS INCLUDE

Inspection Manipulation Assembly Dissection

Soldering Polishing Finishing Measurement Recording



Optical:

- Dynascope® afocal stereo zoom eyepieceless microscope providing a 26.4° field angle.
- Dynascope® patented technology optimises head and body freedom giving:
 - 10mm Radial head freedom
 - 70mm Axial head freedom

Zoom Magnification:

- 6-40x multiplied by combinations of objective lenses and multipliers. (Zoom Magnification Maximum 160x)
- Zoom Ratio 6.6:1
- Secondary Multipliers 1x, 1.5x, 2.0x
- Reducing objectives to increase working distance and field of view

Stands:

- Stable focusable stand
(Stand throat 150mm from optical centre to column)
- Adjustable, swing away boom mount
(Boom reach from optical centre maximum 400mm)

Illumination:

- Ringlight 150w/21v Halogen lamp (200 hours life)
- Option 250w/24v Halogen Lamp (60 hours life)
- Substage illumination (Bench stand only) 20w/12v Dichroic Lamp (2000 hours life)

Accessories:

- Magnification Multipliers:
 - 1x - 1.5x
 - 1x - 2x
- Oblique & Direct Viewer gives angled view of subject. 35° rotating angle from vertical motorised or manual options.
- 25° Fixed Angle Adjuster (from horizontal)
- Polarised light substage illuminator
- Floating workstage
- Measuring workstage
- Vertical of crossline measuring reticle
- Camera adaptors for digital cameras, CCTV, 35mm, Polaroid, image analysis or archiving software

Weight:

- Unpacked Head 3.4kg Stand 5.5kg
- Packed Head 4.7kg Stand 6.5kg

Part Number	Magnification	Range	with 1.5x Multipliers	with 2x Multipliers	Working Distance	Field of View at Max. Zoom	Field of View at Min. Zoom
C-050	x0.3	x1.8-x12	x2.7-x18	x3.6-x24	312mm	12mm	77mm
C-055	x0.5	x3.0-x20	x4.5-x30	x6.0-x40	175mm	7mm	46mm
C-051	x0.7	x4.2-x28	x6.3-x42	x8.4-x56	127mm	5mm	33mm
C-052	x1.0	x6.0-x40	x9.0-x60	x12-x80	85mm	3.5mm	24mm
C-053	x1.5	x9.0-x60	x13.5-x90	x18-x120	45mm	2.5mm	16mm
C-054	x2.0	x18-x80	x18-x120	x24-x160	25mm	1.75mm	12mm



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