

Mantis Compact - Low Power Inspection Stereo Microscope

Offers 3D imaging with comfort – without microscope eyepieces.

Mantis Compact has many benefits for a wide range of inspection, manipulation or dissection tasks. An ergonomic body position makes Mantis more comfortable, less fatiguing and much easier to use. In addition, since there are no eyepieces, operators can sit back, making viewing and co-ordination tasks entirely natural.

Features and Benefits

- Superb stereo imaging, without fatigue,
- Advances in optical design allow eyes and hands to work together resulting in increased throughput and accuracy.
- 20 UVA LEDs (2.4mW/cm², with wavelength peak at 375 ± 5 nanometers).

2x, 4x, 6x and 8x magnification options provide clear, sharp images with long working distances and large depth of field. Objectives have quick change facility.

Ease of Use

Increased head and body freedom for the operator leads to increased accessibility, and less fatigue and effortless 3-dimensional.

Stand Options

- Universal counter-balanced arm for simplicity and flexibility. Lift-and-Lower focus.
- Rigid bench stand for added stability with integral focus and variable substage illumination.
- Articulated arm for extended reach (800mm), without compromising stability.
- Floor stand (with articulated arm) for inspection where subjects are immobile or require a standing position. (Please ask)

M467 Mantis with counter-balanced Universal arm 2x magnification

M468 Mantis rigid bench stand 2x mag. with substage illumination options

M469 Mantis with bench mounted extended articulated arm 2x mag.
Quick Change 4x, 6x and 8x objectives also available. Please ask for quote



Traditional Quality Illuminated Bench Magnifier

The Allen Vanguard M7 and M76 are designed along traditional lines. The standard M76 model has an adjustable spring balance arm reaching 450mm at full extension. The long reach M7 model features a twin elbow spring balance arm and will extend to 850mm, making it particularly suitable for large work pieces or large area viewing. 2x magnification is provided by the 130mm diameter, precision ground and polished optical crown lens, giving a crystal clear view of the subject over a wide range of viewing distances. 4x magnification is available by addition of the 4x conversion kit. Illumination is provided by a shadow free, 22 watt, circular fluorescent lamp (M76T). The bright, 'cool white' colour temperature makes detailed inspection at increased magnification simple and accurate. These illuminated magnifiers feature a translucent lamp cover that reduces rapid changes in relative luminosity (brightness) in front of the eye, making these lamps easy on the eye. Mounting is made simple by the choice of either a weighted, free standing table base (TB) or a bench/machine clamp (TC). Bases must be ordered separately. All listed lamps are 230v 50Hz.

M539 M76 Standard reach magnifier
M539/L 4x conversion kit MKX4
M539/BC Bench/machine clamp

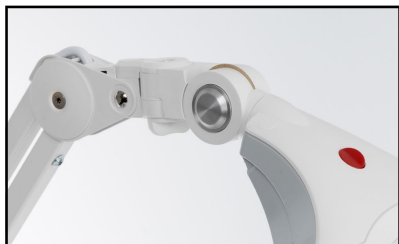
M539/LR M7 Long reach magnifier
M539/B Weighted free standing base
M539/F Spare lamp M76T 22w





Ultra Slim Magnifying Lamp

1.75x magnifier with bright 28w Daylight™ light, 17.5cm/7" XR™ lens and the new Free-Motion head-joint™, this lamp combines the latest innovations in lighting design at a practical price. These new features make the lamp reliable and extremely easy to operate. The Daylight™ energy saving tube ensures that you have plenty of comfortable "daylight" to work with. The XR technology™ makes the lens 50% lighter, extra resistant and easy to clean. In addition the new head-joint guarantees precise and smooth positioning of the lamp without constantly having to tighten the wing-nut. The lamp includes an electronic ballast so you can work longer in comfortable light and it has a Quick Lens Swap System™ so you can increase the magnification in seconds without any tools. Comes with G clamp base for edge of bench as standard. **Please order heavy free standing table base and supplementary lenses separately if required.**



- M386/1** Ultra Slim magnifying lamp 1.75x mag, 230v 50Hz with G clamp
- M367** Heavy free-standing table base
- M386/L2** Supplementary lens 2.25x
- M386/L3** Supplementary lens 3x
- M386/L4** Supplementary lens 4x



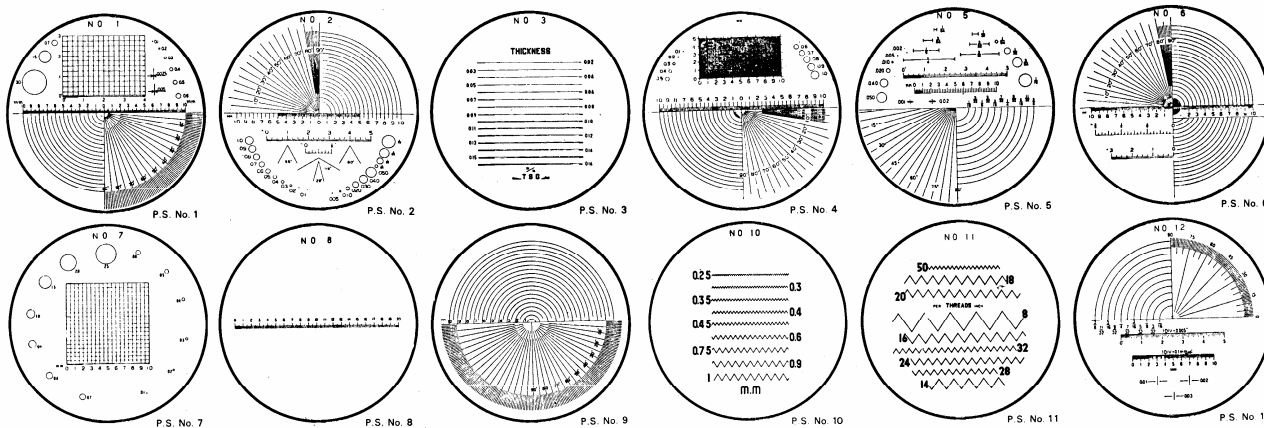
Peak Measuring Magnifiers

Measuring Magnifier X10

A high quality magnifier with four bloomed lenses corrected for achromatic and astigmatic error with a field of view of 35mm. The focusing ring enables the graticule to be brought into sharp focus. A scale is included with this model. The lower part of the magnifier consists of transparent tube allowing excellent illumination. A range of 12 graticules is available for this model.

- M083** Measuring magnifier X10 complete with case each

Graticules for Measuring Magnifier M083



- | | | | | | |
|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| M085/01 x7 PS-1 | M085/02 x7 PS-2 | M085/03 x7 PS-3 | M085/04 x7 PS-4 | M085/05 x7 PS-5 | M085/06 x7 PS-6 |
| M085/07 x7 PS-7 | M085/08 x7 PS-8 | M085/09 x7 PS-9 | M085/10 x7 PS-10 | M085/11 x7 PS-11 | M085/12 x7 PS-12 |
| M086/01 x10 PS-1 | M086/02 x10 PS-2 | M086/03 x10 PS-3 | M086/04 x10 PS-4 | M086/05 x10 PS-5 | M086/06 x10 PS-6 |
| M086/07 x10 PS-7 | M086/08 x10 PS-8 | M086/09 x10 PS-9 | M086/10 x10 PS-10 | M086/11 x10 PS-11 | M086/12 x10 PS-12 |