

# Mantis Accessories

the latest range of application-enhancing accessories for the Mantis family of stereo viewers



The Mantis family of stereo inspection systems are a popular solution for inspecting and manipulating samples under magnification. Now with a wider range of options and accessories the Mantis family offers increased capabilities including extended reach, increased working distance and freedom of mobility.

## Articulated Arm

The articulated arm is an accessory for the Mantis, providing extended reach for applications requiring additional flexibility.

- Designed for use with the Mantis Compact or the Mantis Elite head.
- Provides an extended reach over 800mm to the stereo inspection viewer.
- Stable and versatile base enables operators to swing the unit to one side, providing extra work space.



## Ultra Violet Illumination



Mantis Compact UV is a high definition illumination option, ideal for UV inspection applications including:

Non-Destructive Testing; Crack & Fatigue Detection; Conformal Coating Inspection of PCB's; UV Medical Adhesives & General UV Inspection tasks.

- Fast & accurate fault detection.
- Superb stereo vision gives unsurpassed crack and coating visibility with its superb clarity and image definition.

## Floating Stage



The floating stage accessory can be used with either Mantis Compact or Mantis Elite (bench stand only). High stability and sensitive controls allow for samples to be accurately inspected up to x20 magnification.

- Dimmable substage illumination
- Sensitive controls for steady manoeuvrability

## x2 Objective Lens

x2 objective lenses are now available for Mantis Compact and Mantis Elite. The x2 objective offers operators maximum working distance up to 167mm on the Mantis Compact and up to 160mm on the Mantis Elite.



- The Mantis Elite allows operators to quickly switch between the x2 and a higher objective lens.
- Complete with a Fresnel lens, the x2 maintains the strength of the illumination through the longer working distance to the subject.

## Episcopic Illuminator

The episcopic illuminator for Mantis Elite provides a solution for inspecting components such as mechanical parts where bore holes and complex internal / external features require a concentration of illumination.



- Easy to adjust and assemble.
- Available with objectives x4, x6, x8 & x10\*.

\*x6, x8 and x10 objectives require a spacer block.

## x6 Super Long Working Distance (x6SLWD)



The x6SLWD objective lens for Mantis Elite provides the ability to inspect, manipulate and rework all at the same time with medium magnification yet a long working distance.

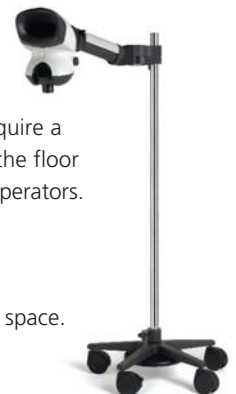
- Long working distance with large field of view
- Easy to assemble\*.

\* Single mount objective replaces twin turret assembly.

## Floor Stand

The floor stand for Mantis Compact and Mantis Elite is specifically designed for stereo inspection where subjects are immobile or require a standing position. Mobile and highly stable, the floor stand provides a versatile option for Mantis operators.

- 360° movement around the base.
- Lift, swing, tilt and rotate capability.
- Easily swung out of the way to maximise space.



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