

Stereo microscope head Mantis Elite with camera, 2x-20x



Vision Engineering's Mantis Elite MHD-001 stereo microscope head with integrated HD USB camera, simple image storage software (uEye) and LED illumination is suitable for use with the MES-005 universal stand, has a lens changer and can be optionally equipped with up to 20x lenses. The Mantis Elite stereo microscope head is ideal for a wide range of inspection, manipulation and repair work at medium magnification. It is the perfect alternative to traditional stereomicroscopes used for inspection, preparation and manipulation. The patented optical technology also allows spectacle wearers maximum freedom of movement of the head in order to adopt an optimum ergonomic posture. At the same time, it delivers excellent 3D stereo image quality. The excellent ergonomics of the Mantis stereo microscope results in greater productivity, higher throughput, improved quality and minimised fatigue. The included uEye software allows you to quickly and easily add annotations and mark stored images. Professional documentation is possible with the optionally available software Vifox.

- lensless
- integrated 2,0 MP (1600x1200 pixel)

- USB2 camera, uEye Cockpit software
- Magnification 2x - 20x (2-fold lens changer "Quick Change")
- First-class ergonomics for fatigue-free viewing
- Incomparable 3D view during microscopy
- Long working distance and large field of view
- Colour-fast LED lighting with long service life (max. 10 thousand hours)
- Image capture in various formats (.bmp, .jpg and .png)
- Video recordings (.avi), ideal for training and educational purposes
- Camera settings can be optimized for specific applications
- comfortable hand-eye coordination
- allows freedom of movement of the head
- high benefit with low investment
- shadow-free illumination
- also suitable for spectacle wearers
- LED incident light

[<https://www.youtube.com/watch?v=CHN56BRcLQw>More information here]

[<https://www.youtube.com/watch?v=S28t-6uWAv&t=11s>Learn more about using]

item number	WL30917
model	MHD-001
manufacturer	VISION
manufacturer item number	MHD-001
order unit	1 piece
content unit	1 piece
Product type	Stereomicroscope head
Number of LED	24
camera zoom	2x-20x
camera resolution	1600x1200 pixel
equipping	LED incident light
power supply	9V DC, externes Steckernetzteil
interfaces	USB 2.0
ESD safe	no