

Vision Engineering's eyepiece-less technology helps to reduce work-related ill health in the manufacturing sector:



The biggest cause of work-related ill-health in the manufacturing sector is musculoskeletal disorders. Our range of eyepiece-less microscopes provide the ideal ergonomic solution for microscope users.

1.4 million workers

Work-related ill health doesn't only affect attendance. It can have a negative impact on accuracy and output, causing increased error rates and adversely impacting efficiency. Improving the ergonomic set up of work stations goes some way towards improving work-related health. For microscope users, eyepiece-less microscopes offer a definite ergonomic benefit.



81,000 workers within the UK manufacturing sector suffered from work-related ill-health in 2018, which had an impact on both productivity and the bottom line. Improving ergonomics within the working environment helps to reduce absenteeism and improve productivity. Our eyepiece-less microscopes have ergonomic principles at the heart of their design.

81,000 workers

6.7 million days

6.7 million working days in 2017/18 were lost due to musculoskeletal disorders. The cost and disruption to businesses is substantial so anything that can be done to reduce this can only be beneficial. The Mantis eyepiece-less stereo microscope was developed to reduce musculoskeletal issues experienced by users of traditional microscopes.



679,350 workers suffered from work-related musculoskeletal disorders in 2017/2018, impacting on their performance at work. Those who use traditional microscopes often suffer from neck and back pain caused by having to stay in a fixed body position for concentrated periods of time. This is easily remedied with eyepiece-less technology, which allows for greater freedom of movement. So the operator benefits and so does the business.

679,350 workers

