

# Mantis Elite Contact Lens Checker

comfortable and accurate inspection system  
for soft and hard contact lens manufacture



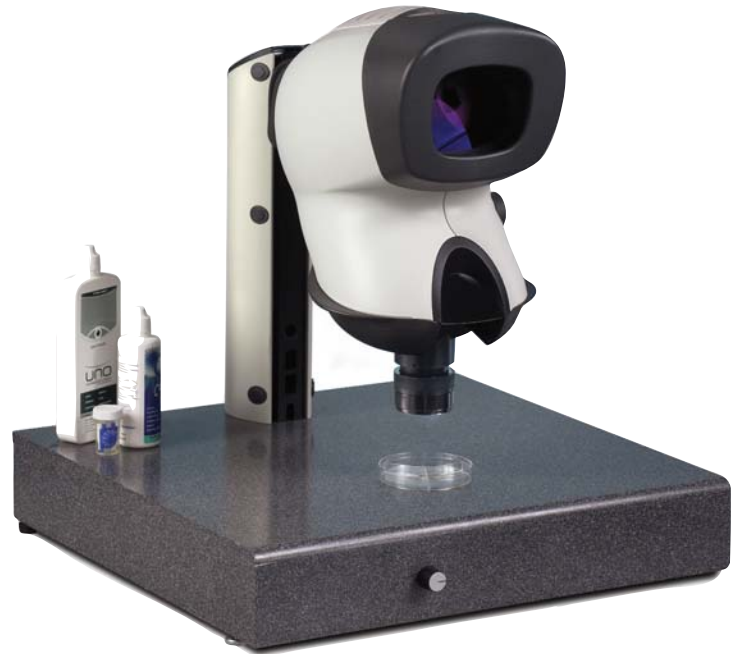
The Mantis Elite Contact Lens Checker is a stereo inspection system designed for the comfortable and accurate inspection of contact lenses.

- Designed to be robust and kept clean for a sterile environment
- Used for both hard and soft lenses
- Excellent optics and optimum illumination allows for accurate inspection of defects
- Superior ergonomics makes inspection a comfortable procedure, increasing accuracy and output

The patented eyepieceless optics of Mantis Elite provide operators with fatigue-free viewing and the advantage of minimal eyestrain, increasing operator accuracy and output.

The dedicated checking and inspection system for soft and hard contact lens manufacture supersedes traditional low magnification projectors and inspection systems.

With quasi darkfield illumination and diffraction grating the Mantis Elite Contact Lens Checker allows for accurate inspection of the contact lenses for surface defects such as flowlines.



## Viewing Head

The viewer of the Contact Lens Checker offers a high performance specification, including large field of view and long working distance. The Mantis Elite head has an enhanced optical performance, making it a perfect alternative to traditional stereo microscopes for checking contact lenses.

- High value, high specification system, with superb optical performance
- x6, x8 and x10 magnification options for optimum application suitability

## Mantis Elite Technical Data

Optical Data		
Objective Lenses	Working Distance	Field of View
x6	2.68 inches	0.9 inches
x8	2.32 inches	0.67 inches
x10	2.12 inches	0.53 inches

Lighting Data	
20W/12V Dichroic Lamps	2,000 hours



### Dimensions

A = 21.65 inches

B = 19.68 inches

C = 20.47 inches

D = 3.54 inches

### Unpacked weight

Head & Stand = 36.38lbs

### Packed weight

Head & Stand = 57.32lbs

### Power Supply

The Mantis Contact Lens Checker has the following power supply options:  
100V, 110V, 220V, 240V.

## For more information...

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