

Mantis Elite Contact Lens Checker

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



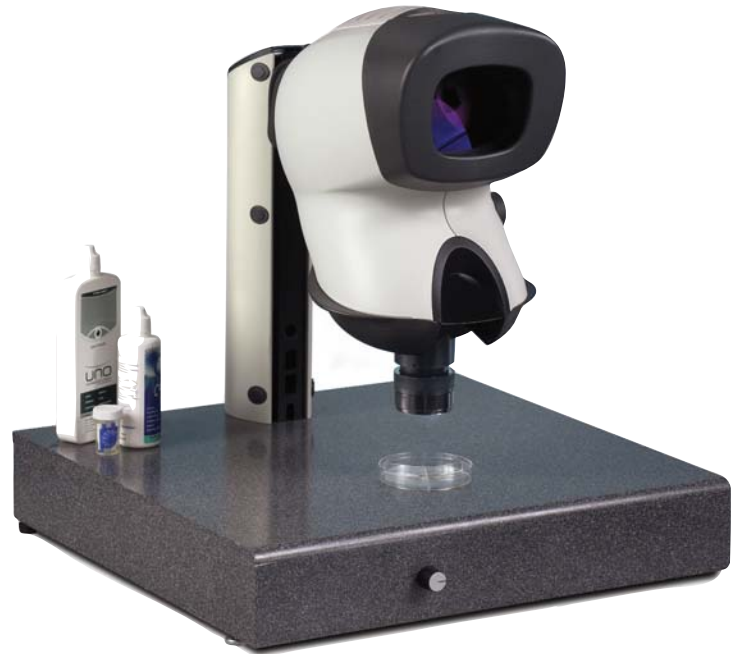
The Mantis Elite Contact Lens Checker is a stereo inspection system designed for the comfortable and accurate inspection of contact lenses.

- 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...

Vision Engineering has a network of offices and technical distributors around the world. For more information, please contact your Vision Engineering branch, local authorised distributor, or visit our website.

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