

Mantis Elite Contact Lens Checker

comfortable and accurate checking and 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 inadequacies
- Superior ergonomics makes inspection a comfortable procedure, increasing accuracy and throughput

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

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 inadequacies and 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	68mm	23.0mm
x8	59mm	17.0mm
x10	54mm	13.5mm

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



Dimensions

A = 550mm
 B = 500mm
 C = 520mm
 D = 90mm

Unpacked weight

Head & Stand = 16.5kg

Packed weight

Head & Stand = 26kg

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. Please contact your Vision Engineering branch, local authorised distributor, or visit our website.

Vision Engineering Ltd.
 (Manufacturing)
 Send Road, Send, Woking,
 Surrey, GU23 7ER, England
 Tel: +44 (0) 1483 248300
 Fax: +44 (0) 1483 223297
 Email: generalinfo@visioneng.com

Vision Engineering Inc.
 (Manufacturing & Commercial)
 570 Danbury Road, New Milford,
 CT 06776 USA
 Tel: +1 (860) 355 3776
 Fax: +1 (860) 355 0712
 Email: info@visioneng.com

Vision Engineering Ltd.
 (Central Europe)
 Anton Pendele Strasse 3,
 D-82275, Emmering, Germany
 Tel: +49 (0) 8141 40167-0
 Fax: +49 (0) 8141 40167-55
 Email: info@visioneng.de

Vision Engineering Ltd.
 (France)
 1 Rue de Terre Neuve, ZA Courtaboeuf,
 91967 Les Ulis Cedex, France
 Tel: +33 (0) 164 46 90 82
 Fax: +33 (0) 164 46 31 54
 Email: info@visioneng.fr

Vision Engineering Ltd.
 (Commercial)
 Monument House, Monument Way West,
 Woking, Surrey, GU21 5EN, England
 Tel: +44 (0) 1483 248300
 Fax: +44 (0) 1483 248301
 Email: generalinfo@visioneng.com

Vision Engineering Inc.
 (Commercial West Coast USA)
 745 West Taft Avenue, Orange,
 CA 92865 USA
 Tel: +1 (714) 974 6966
 Fax: +1 (714) 974 7266
 Email: info@visioneng.com

Nippon Vision Engineering
 (Japan)
 272-2 Saedo-cho, Tsuduki-ku,
 Yokohama-shi, 224-0054, Japan
 Tel: +81 (0) 45 935 1117
 Fax: +81 (0) 45 935 1177
 Email: info@visioneng.jp

Vision Engineering Ltd.
 (Italy)
 Via Cesare Cantù, 9
 20092 Cinisello Balsamo MI, Italy
 Tel: +39 02 6129 3518
 Fax: +39 02 6129 3526
 Email: info@visioneng.it



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www.visioneng.com

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