



For everyone

# Visiolite Master & Master GT

## Intuitive PC-based vision testers



PC operated vision testers designed to provide fast and accurate vision assessments with fully customisable test routines and automated data management. The Visiolite Master and Visiolite Master GT provide significant improvements in both workflow and time management.

### PC-controlled

Both testers can be easily connected and operated via a PC. With data management features such as automatic PDF generation and specific test routines, administration and test times can be significantly reduced, allowing for complete patient focus.

### Test parameters

A unique feature of the Visiolite Master is that it enables user defined test parameters to be selected, as well as configuration of the test sequence parameters to suit the needs of the programme.

The following user defined screening parameters are provided: acuity test (near, far and intermediate), colour vision, depth perception, contrast sensitivity, vertical and horizontal phorias, fusion, astigmatism, horizontal and vertical peripheral visual fields.

The Visiolite Master GT also has the capability to perform glare sensitivity and resistance testing. Additional vision screening tests such as Amsler grid, glare sensitivity and resistance are also available.

### Portability

Compact and portable, the Visiolite Master and Master GT are supplied with a custom designed carry case, allowing for easy mobile testing.

### Data management

To minimise administration times and duties, test results are automatically saved and managed within the supplied Electronic Medical Record (EMR) software.

Interfaces are also available for a number of Occupational Health EMR applications for a seamless PC based vision testing programme.

### Ergonomic design

Ergonomically designed, the Visiolite Master is equipped with a detector that identifies the position of the patient's forehead, so they are always correctly positioned for testing.

An easily adjustable height feature and a dual lens system improve accuracy, particularly when testing far, near and intermediate visual acuity.

The Visiolite Master is designed to adapt the patient to different levels of light, to include both day and night vision testing.

Key features
PC operated or remote-controlled
Customisable patient instructions
Time-saving user defined test routines
Horizontal and vertical peripheral field tests
EMR connectivity
Glare sensitivity and resistance (Visiolite Master GT only)

Visit [www.amplivox.com/vision/visiolite-master](http://www.amplivox.com/vision/visiolite-master) to learn more about the features and benefits of the Visiolite Master

[www.amplivox.com](http://www.amplivox.com) | +44 (0)1865 880846 | [hello@amplivox.com](mailto:hello@amplivox.com)

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### Visiolite Master series model comparison

Basic tests	Master	Master GT
Letters (Bino and Mono)	•	•
Numbers (Bino and Mono)	•	•
Landolt rings (Bino and Mono)	•	•
Amsler	•	•
Hyperopia test	•	•
Depth perception	•	•
Fusion	•	•
Astigmatism	•	•
Red/green duochrome	•	•
Vertical and horizontal phorias	•	•
Ishihara type colours test	•	•
Horizontal and vertical visual field	•	•

### Additional tests

Central visual field	•	•
Glare sensitivity		•
Glare resistance		•
Contrast sensitivity	•	•

### Functions

Far vision	•	•
Intermediate vision	•	•
Near vision	•	•
High photopic	•	•
Low photopic	•	•
Mesopic (night vision)	•	•

### System requirements

- PC with Windows 10
- CD and hard disc drive
- Internal memory and available disc space as required by the PC operating system
- Software will be supplied on a CD
- Interface: USB

### Technical specifications

Dimensions (W x L x H):	47 x 43 x 35 cm (21 x 14 x 18')
Weight:	4.8 kg / 10.7 lbs
Lighting conditions:	High photopic (160 candelas), Low photopic (80 candelas), Mesopic night vision, (3 candelas)
Lighting system:	Lit by 16 white LEDs driven by microcontroller and diffuser system
Distances:	Far vision 6m ± 0.1m Intermediate vision 60 cm ± 0.5 Near vision 33 cm ± 0.25 cm Hyperopia lenses: +1 diopter
Test band:	High definition photographic film
Reactivity:	Time between two neighbouring tests: 700ms Time to go from one slide to another: 1s
Test time:	Routine time 3 minutes, In-depth test: 5 minutes
Applied part:	Type B
Medical class:	Class I 3rd Ed, Annex IX of MDD 93/42/EEC
Marking:	CE
Reference standards:	EN60601-1, EN60601-1-2, NF EN ISO 8596
Power:	24W
Power supply:	12 VDC from an external medical power supply. Designated 240V mains power supply
Humidity:	75% maximum
Operating temperature:	Between 15 and 35°C (Between 59 and 95°F)
Warranty:	2 years



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Amplivox Ltd, 3800 Parkside, Solihull Parkway, Birmingham Business Park, Birmingham, West Midlands, B37 7YG, United Kingdom

[www.amplivox.com](http://www.amplivox.com) | +44 (0)1865 880846 | [hello@amplivox.com](mailto:hello@amplivox.com)

The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.