



For everyone

# Visiolite® 4K

## PC-based vision testers

All-in-one PC-operated vision testers, designed to provide fast and accurate vision assessments. Compact and portable, with fully customisable and automated test routines, the Visiolite® 4K delivers unrivalled data management, performance and image quality.

### Versions

Available in two versions - the Visiolite® 4K Edition and Visiolite® 4K Premium. The Premium version includes glare resistance, sensitivity and random acuity tests for reliable and accurate measurements.

### PC-operated

Supplied with VisioWin software, users can enjoy all the advantages of a digital process, eliminating the need for paper and reducing associated costs.

The device can also be integrated into various EMR applications, allowing for automatic test recording and negating the need for manual input.

Further streamlining testing, reducing administrative tasks and enhancing workflow efficiency and security.

### Remote controlled

Including an optional remote control with a user-friendly colour touch screen, tests can be launched with a single click. Perfect for operators on the move or who don't have access to a computer.



### Technology

Featuring a 5.5" 4K LCD display, the Visiolite® 4K offers unrivalled image sharpness and quality.

With an adjustable height function and pressure sensor, the device can adapt to the patient, ensuring complete comfort and test accuracy.

### VisioClick®

With the added ability to connect directly to the VisioClick®, testers can deliver a fully automated test in multiple languages. Providing a bespoke and seamless testing experience.

### Portable

For added convenience, the Visiolite® 4K is supplied with a custom designed carry case, making it easy to transport and ideal for mobile testing.

#### Key features

Easy set-up

5.5" 4K LCD display

Fully customisable test routines

Automated data management

Quick and easy to use (test in under 5 mins)

Compact and portable (less than 5kg)

VisioWin software included

Optional remote control

Visit [www.amplivox.com/vision/visiolite-4k](http://www.amplivox.com/vision/visiolite-4k) to learn more about the features and benefits of the Visiolite® 4K

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### Visiolite® 4K comparison

| Visiolite® Edition                                             | Visiolite® Premium                                                        |
|----------------------------------------------------------------|---------------------------------------------------------------------------|
| Visual acuity test – letters – numbers – Landolt (4 positions) | Visual acuity test – letters – numbers – Landolt (4 positions) – Raskin E |
| Amsler                                                         | Amsler                                                                    |
| Astigmatism                                                    | Astigmatism                                                               |
| Low vision – (monocular)                                       | Low vision – (monocular)                                                  |
| Hypermetropia                                                  | Hypermetropia                                                             |
| Mesopic                                                        | Mesopic                                                                   |
| Full visual field (peripheral, nasal and central)              | Full visual field (peripheral, nasal and central)                         |
| Duochrome red/green                                            | Duochrome red/green                                                       |
| Fusion                                                         | Fusion                                                                    |
| Hyperopia                                                      | Hyperopia                                                                 |
| Phoria                                                         | Phoria                                                                    |
| Standard colour perception                                     | Standard colour perception                                                |
| Depth perception                                               | Depth perception                                                          |
| Contrast sensitivity                                           | Contrast sensitivity                                                      |
| -                                                              | Glare resistance                                                          |
| -                                                              | Glare sensitivity                                                         |
| -                                                              | Random acuity test                                                        |

### Standard equipment

- VisioWin software
- USB cable
- Power supply
- Carry case

### Optional equipment

- VisioClick®
- VisioClick® face cover
- Touchscreen remote control



Please note: The Visiolite® 4K is manufactured by FIM Medical and is distributed by Amplivox Ltd.

### 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<br>Intermediate vision 60 cm ± 0.5<br>Near vision 33 cm ± 0.25 cm<br>Hyperopia lenses: +1 diopter |
| Test band:              | High definition photographic film                                                                                      |
| Reactivity:             | Time between two neighbouring tests: 700ms<br>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                                                                                                                |