

A UNIQUE COMBINATION
OF THE LATEST TECHNOLOGIES



ALM 800

THE LENSMETER WITH A TWIST



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This next-generation lensmeter measures lenses as well as the filtering of blue-violet* and the transmission blue-turquoise light.

Using the ALM 800, the eye care professional performs accurate lens measurements with ease. Its proprietary technology enables blocking and marking in one single operation.



INTERPUPILLAR DISTANCE



- The ALM 800 also measures interpupillary distance (½ and full).
- An exclusive design featuring two nose supports makes operations simple, efficient and comfortable.

GUIDED AND AUTOMATED PRISM MARKING



- Pre-entered prism value allows an easy centering of the lenses by following the target with no additional manipulation.



UV TRANSMISSION

- The measurement of UV filtering requires no additional manipulation
- Measurement of lens power and UV filtering are simultaneously carried out and displayed on the main screen.



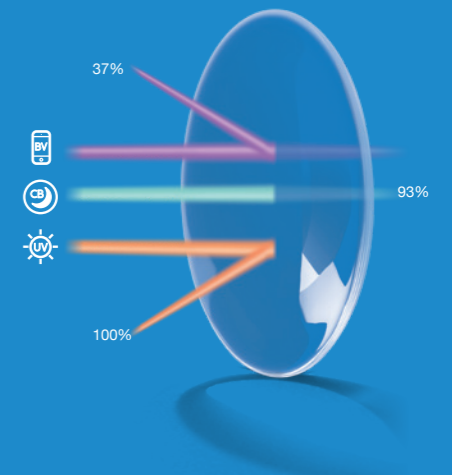
ERGONOMIC USE

- Simple handling
- Reactive and intuitive touch screen interface
- Adjustable screen position
- Auto Lens Recognition
- Lens support adapted to all lenses and frame base curves.



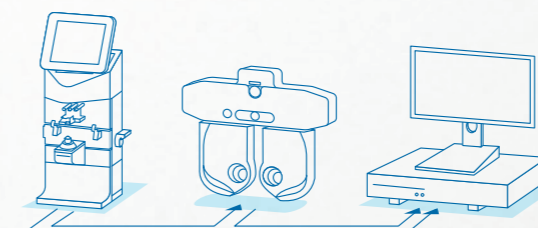
UNIQUE QUANTIFICATION & DISPLAY OF BLUE LIGHT

- An exclusive LED system that measures blue light, including:
 - the transmission of circadian blue-turquoise light
 - the percentage of blue-violet light and UV that is filtered



DATA TRANSFER

To simplify and accelerate the examination process, the ALM can transfer the data to your automatic phoropter or Patient Management Software (PMS).



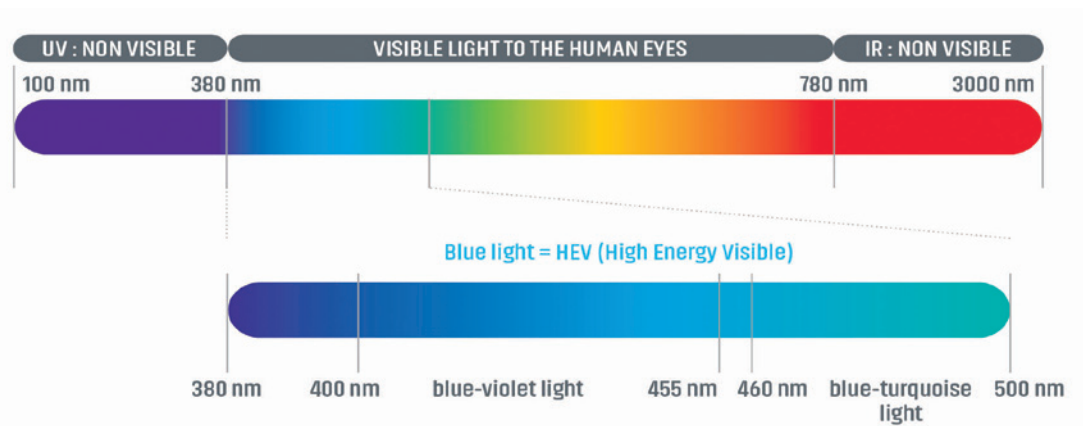
*Blue-violet light is between 400 and 455nm as stated by ISOTR20772:2018.

DECODING BLUE LIGHT








Primarily emitted by the sun, blue light also comes from artificial light sources like computer or phone screens.

Blue light exists in two forms: blue-violet and turquoise blue. While blue-turquoise light is vital and beneficial for human health during the day, elevating mood and supporting our circadian rhythms. Blue-violet light is potentially harmful* to the retina. Chronic exposure to blue-violet light may contribute to accelerate eye ageing.

Therefore, it is important to be able to filter out the wavelengths of blue-violet light, while allowing the transmission of blue-turquoise light.



FUNCTIONS

-  Measurement range - Sphere
-25,00 \pm
+25,00 \pm
-  Measurement range - Cylinder
-10,00 \pm
+10,00 \pm
-  Curved lenses
-  Tinted lenses up to class 4
-  Printer
-  Data transfer
-  Blue light

Dimension: D 170 mm | W 205 mm | H 468 mm
Screen LCL colour 5.7"

Weight: 4.3 kg
Power 100 to 240V - 50/60Hz - 40VA

*ISO TR 20772:2018 (p14).

As improvements are made, these specifications and pictures are not contractually binding and may be changed without prior notice.



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