

ALM 500 / ALM 700

SIMPLE AND
RELIABLE
MEASUREMENT



ALM 500 / ALM 700

AUTOMATIC LENSMETERS



ENJOY ERGONOMIC LENS METERS THAT SPEED THE ACCURATE MEASUREMENT OF LENSES AND FRAMES



ALM 500

- Green light beam
- Automatic detection of type of lens
- Measurement of curved and tinted lenses
- Tilting color screen
- Printer
- Data transfer

ALM 700

- **Measurement of UV transmission**
- **Measurement of inter-pupillary distance**
- **Touch screen**
- Green light beam
- Automatic detection of type of lens
- Measurement of curved and tinted lenses
- Tilting color screen
- Printer
- Data transfer

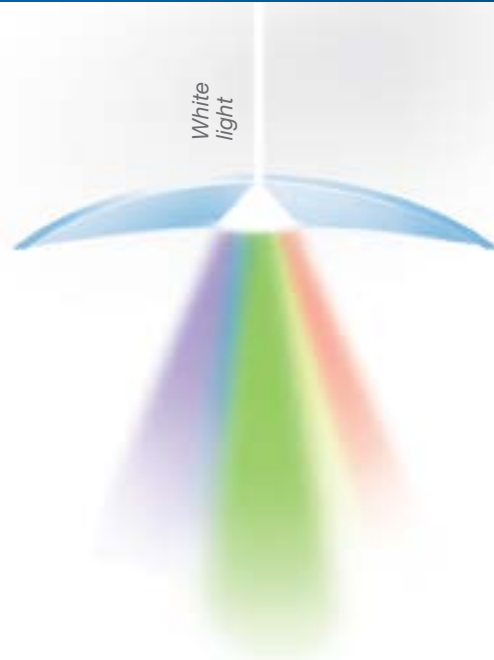
Intuitive and practical, the **ALM 500** and **ALM 700** automatic lensmeters ensure rapid and accurate measurement of all types of lenses and frames.

PRECISION AND SPEED



- **You simply place the lens on the lens support.** The ALM detects the type of lens, guides the operator for centering and automatically confirms the measurement.
- The use of a green light eliminates the need to enter the Abbe number.
- The exclusive design of the marking system enables blocking and marking in one single operation.

GREEN LIGHT FOR PINPOINT PRECISION



The ALM 500 and ALM 700 use a green light beam* that reduces measurement drift due to light deviation by the lens.

Both measure all materials precisely and independently of the ABBE number.

EXTENDED MEASURING CAPACITIES



- The ALM lensmeters measure all types of lenses and contact lenses, including class 4 tinted lenses.
- The lens support adapts to all lens and frame curves and is perfectly suited to high base curves. The wide space under the base allows excellent positioning of frame temples.

UV TRANSMISSION



- Integrated into the ALM 700, the measurement of UV transmission requires no additional manipulation.
- Measurement of lens power and UV transmission are simultaneously carried out and displayed on the main screen.

INTER-PUPILLARY DISTANCE



- The ALM 700 also measures inter-pupillary distance (1/2 and full).
- An exclusive design featuring two nose supports makes operations simple and efficient.



Reactive and intuitive touch screen interface (ALM700).



Adjustable tilt positions.



Built-in storage space for accessories.



Simple and fast replacement of marking tips.

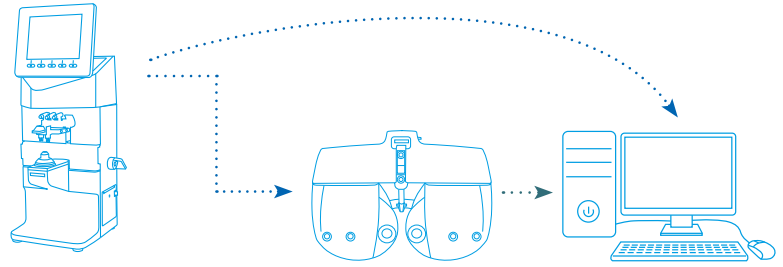


COMFORT AND CONVENIENCE

- A tilting color screen ensures comfort for operators, from both seated and standing positions.
- A validation button positioned in the center of the support is easily accessible.
- The adjustable frame rest with graduated scale allows quick and easy measurement of the right eye/left eye height differential.
- The ALM 700 includes a highly reactive and intuitive touch screen interface, similar to that of a smartphone or tablet.

Data Transfer

To simplify and speed up the examination process, the ALM can transfer the values to your automatic refractor or Practice Management Software (PMS).



TECHNICAL CHARACTERISTICS

ALM 500

ALM 700

MEASURING RANGE		
Sphere	-25.00D ~ +25.00D - (0.01 / 0.12 / 0.25)	
Cylinder	0.00D ~ ±10.00D (0.01 / 0.12 / 0.25)	
Axis	1 to 180° (1°)	
Addition	0.00D to 10.00D - (0.01 / 0.12 / 0.25)	
Prism	0.00Δ to 10.00Δ - (0.01 / 0.12 / 0.25)	
WAVELENGTH	525nm	
TYPE OF MEASUREMENT		
Lenses/frames	Unifocals, Multifocals, Progressives	Unifocals, Multifocals, Progressives
Tints	Up to class 4 (>5%)	Up to class 4 (>5%)
Contact lenses	Soft and hard (dedicated support)	Soft and hard (dedicated support)
MEASUREMENT OF UV TRANSMISSION		
Wavelength	—	0 to 100% (-25D ~ +25D) 375nm (UV-A)
INTER-PUPILLARY DISTANCE	45mm to 85mm (0.5mm)	
SCREEN	LCD color 5.7"	LCD color 5.7"
INTEGRATED PRINTER	Yes	Yes
CONNECTION	RS 232 C	RS 232 C
DIMENSIONS & WEIGHT	L 6.7 x W/D 8.1 x H 18.4 in – 9.5 lb	
POWER	100 to 240V – 50/60Hz - 40VA	
CE marking conformity		

PRODUCT FUNCTIONS



Measurement range - Sphere



Measurement range - Cylinder



Curved lenses



Tinted lenses up to class 4



Printer



Data Transfer



Essilor Instruments USA
8600 W. Catalpa Avenue, Suite 703
Chicago, IL 60656 - USA
Phone: 855.393.4647
Email: info@essilorinstrumentsusa.com
www.essilorinstrumentsusa.com

YOUR CONTACT