

# 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

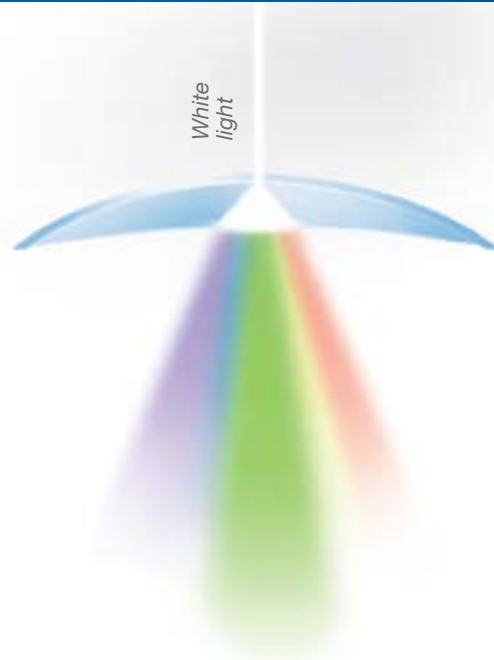
Intuitive and practical, the **ALM 500** and **ALM 700** automatic lensmeters ensure rapid and accurate measurement of all types of lenses and frames.

## 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 (½ 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.

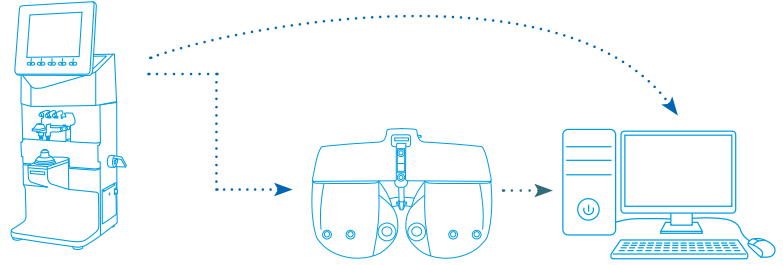


## COMFORT AND CONVENIENCE

- 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



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