

ALM 500/ALM 700



SIMPLE AND RELIABLE MEASUREMENT



ALM 500 / ALM 700

AUTOMATIC LENSMETERS



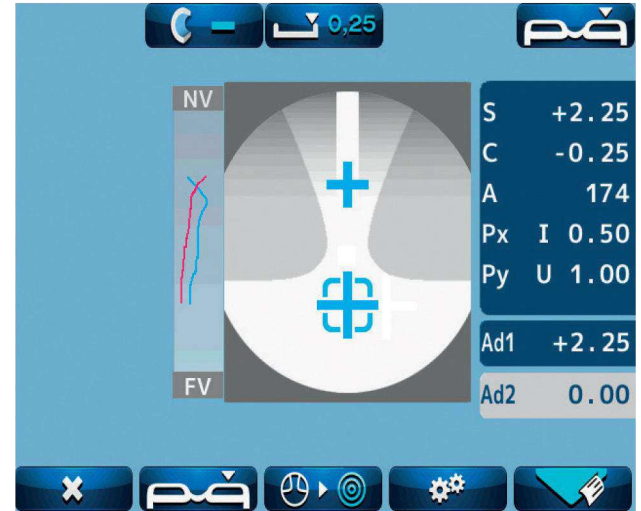
חברת מייצגת:

ד.ט.י. שרותי אופטיקה בע"מ
ציוד אופטלמי ורפואי



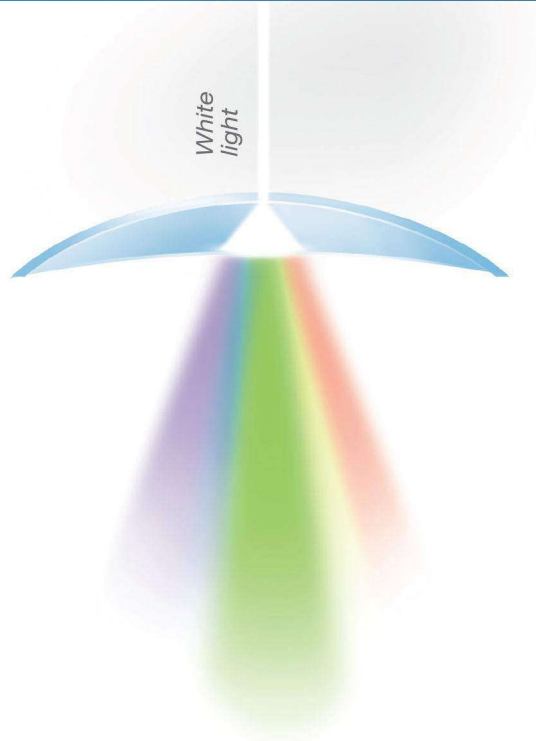
Intuitive and practical, the **ALM 500** and **ALM 700** automatic lensmeters ensure rapid and accurate measurement of all types of lenses and frames.

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.

* Similar to standard ISO 7944

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.

ENJOY ERGONOMIC LENSMETERS THAT SPEED THE ACCURATE MEASUREMENT OF LENSES AND FRAMES



ALM 500

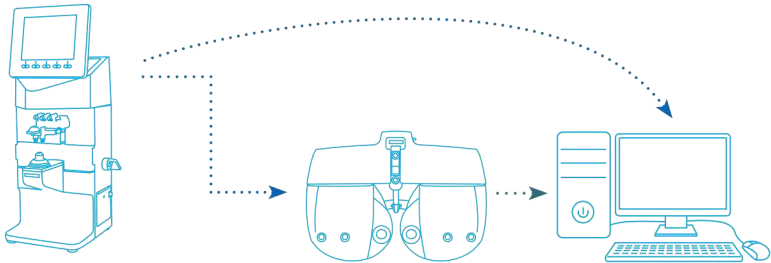
- Green light beam.
- Automatic detection of type of lens.
- Measurement of curved and tinted lenses.
- Tilting colour screen.
- Printer.
- Data transfer.

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 colour screen.
- Printer.
- Data transfer.

Data Transfer

To simplify and speed the examination process, the ALM can transfer the values to your automatic refractor or Patient 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) 45mm to 85mm (0.5mm)
INTER-PUPILLARY DISTANCE		
SCREEN	LCD colour 5.7"	LCD colour 5.7"
INTEGRATED PRINTER	Yes	Yes
CONNECTION	RS 232 C	RS 232 C
DIMENSIONS & WEIGHT	170mm x 205mm x 468mm – 4.3kg	
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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