



Auto Refkerato
ARKM-150

Serving Your Vision



Auto Refkerato ARKM-150

Realization of simple and highly cost-effective refkerato functions with colour touch screen and high speed printer

Refractometry

Simple handling of the fine adjustment and measurement by yourself.
Fogging is applied automatically for each measurement for more accurate results.

Keratometry

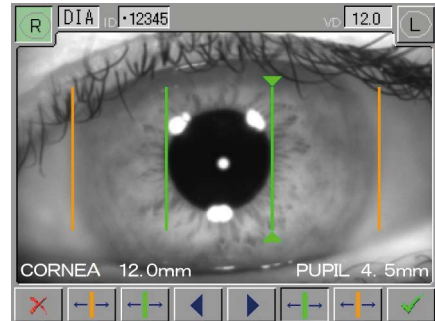
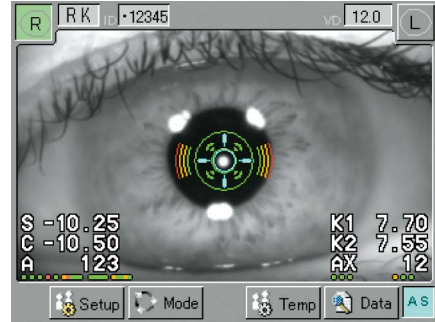
Short consecutive measurements and time provide reliable data.
Measurements at Ø3.0mm (R = 8.0mm) give you enough information for contact lens fitting.

Diameter measurement of cornea and pupil

Easy measurement by moving the two cursors on the display to the boundaries of cornea or pupil.


Language selection

ARKM-150 has a multi-language function. You can select your required language from "English", "Japanese", "German", "Chinese", "Spanish", "Spanish Latin America", "Italian", "Portuguese", "French" and "Russian".



Specifications

Model name	ARKM-150 Auto Refkerato	
Measurement ranges		
Refractometry	Sphere	-25.00 to +22.00 D (VD = 12.00 mm)
	Cylinder	-10.00 to +10.00 D (VD = 12.00 mm)
	Axis	0-180 degrees
	Minimum pupil dia.	Ø2.00 mm
	Measurement time	0.2 second/single eye (data taking time)
Keratometry	Range	5.00-11.00 mm
	Corneal refraction	30.68-67.50 D (n = 1.3375)
	Corneal astigmatism	0-10 D (n = 1.3375)
	Axis	0-180 degrees
	Measured area	Ø3.00 mm (at 8.00 mm corneal curvature)
Measurement time	0.1 second/single eye (data taking time)	
PD measurement	50-86 mm	
Corneal diameter and pupillary diameter measurement	Measurement range	1.0-14.0 mm
	Display unit	0.1 mm
Built-in printer	Thermal printer	
Data output type	RS232C / USB-D	
Display	5.7 inch color liquid crystal display	
Dimensions	297 (W) x 500 (D) x 448 (H) mm	
Weight	17 kg	
Power requirements	AC 100-240 V	
	50/60 Hz	
	80-100 VA	

 To ensure safe and correct handling please read the user manual before using.

- Description and appearance as detailed in this brochure may be subject to change as improvements are made to products.
- Colours as they appear in brochure photographs may be slightly different to actual products due to lighting conditions when photographs were taken, or print colours.



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