

Σingle ITL

Auto Ref-Keratometer

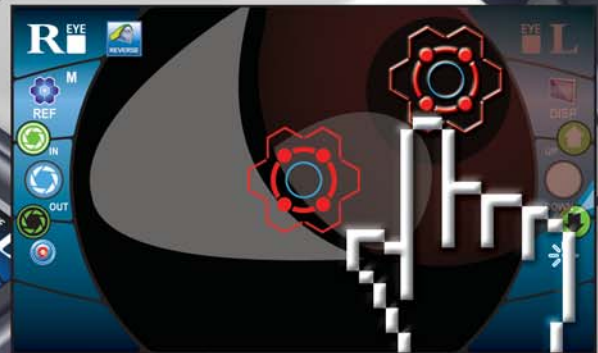


A U T O R E F K E R A T O M E T E R

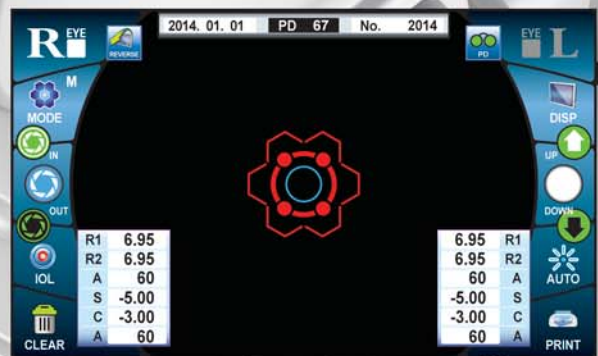
Easy to use

Wide 7 inch Touch-screen panel

Auto Ref-keratometer SINGLE LTL is equipped with a wide 7 inch color TFT LCD with touch-screen panel to use all the functions with ease.



When you touch the eye position **Automatically tracks** the eyes.



Auto focus & Measured value display



Select the function button

Fully automatic measurement operation

The correct position of patient's eye is available to be found automatically by internal-software without operation of joystick. Further, SINGLE LTL is also available to align and measure automatically with touching of screen only.

Tiltable LCD screen for 120 Degree

The LCD screen enables operator to measure in comfortable position even when the patient's eyelid needs to be opened by operator.



Built-in thermal printer

Built-in thermal printer is equipped with auto loading & cutting.



Networking ability

It allows to connect with other devices such as auto vision-tester, auto lensmeter, PC as well as EMR/EHR protocol system.

Suitable Chin-rest & Head-rest

SINGLE LTL provides the patients with the comfortable measuring environment by adopting Chin-rest and Head-rest with soft material of silicon rubber.

Compact design



Single LTL

Auto Ref-Keratometer

Specifications

Refractometer Measurement	Sphere	-25.00 ~ +25.00D (VD 12mm) (0.01 / 0.12 / 0.25D Steps)
	Cylinder	0 ~ ±10D (0.01 / 0.12 / 0.25D Steps)
	Axis	1 ~ 180° (1° Step)
	Required minimum pupil	2.0mm

Keratometer Measurement	Radius curvature	5.00 ~ 10.00mm (0.01mm Step)
	Refractive power	67.50 ~ 33.75D (n=1.3375) (0.01 / 0.12 / 0.25D Steps)
	Astigmatism	0 ~ ±10D (0.01 / 0.12 / 0.25D Steps)
	Astigmatic axis	1 ~ 180° (1° Step)
	Peripheral measurement	6.0mm (r=7.8)

Size Measurement	0 ~ 12.7mm	
Special Function	PK(Peripheral Keratometry) ILLUM(Retro-illumination) SIZE(Cornea / Pupil size)	
Target chart	Auto fog system with scenery chart / Auto fog system with dots chart (Optional)	
Display	Tiltable wide 7 inch TFT LCD	
	Luminance 400cd/m2	
	Resolution 800 X 480 Pixels	

Printer	Built-in thermal printer with auto loading & cutting	
Interface	RS-232C (RX/TX), D-sub(Video out), RFID(Optional)	
Dimension	458(W) X 210(D) X 405(H)	
Weight	Approx. 13kg	
Power supply	AC 100 - 240V 50/60Hz	
Power Consumption	55 ~ 85 VA	

* Subject to change in design and / or specifications without advanced notice.