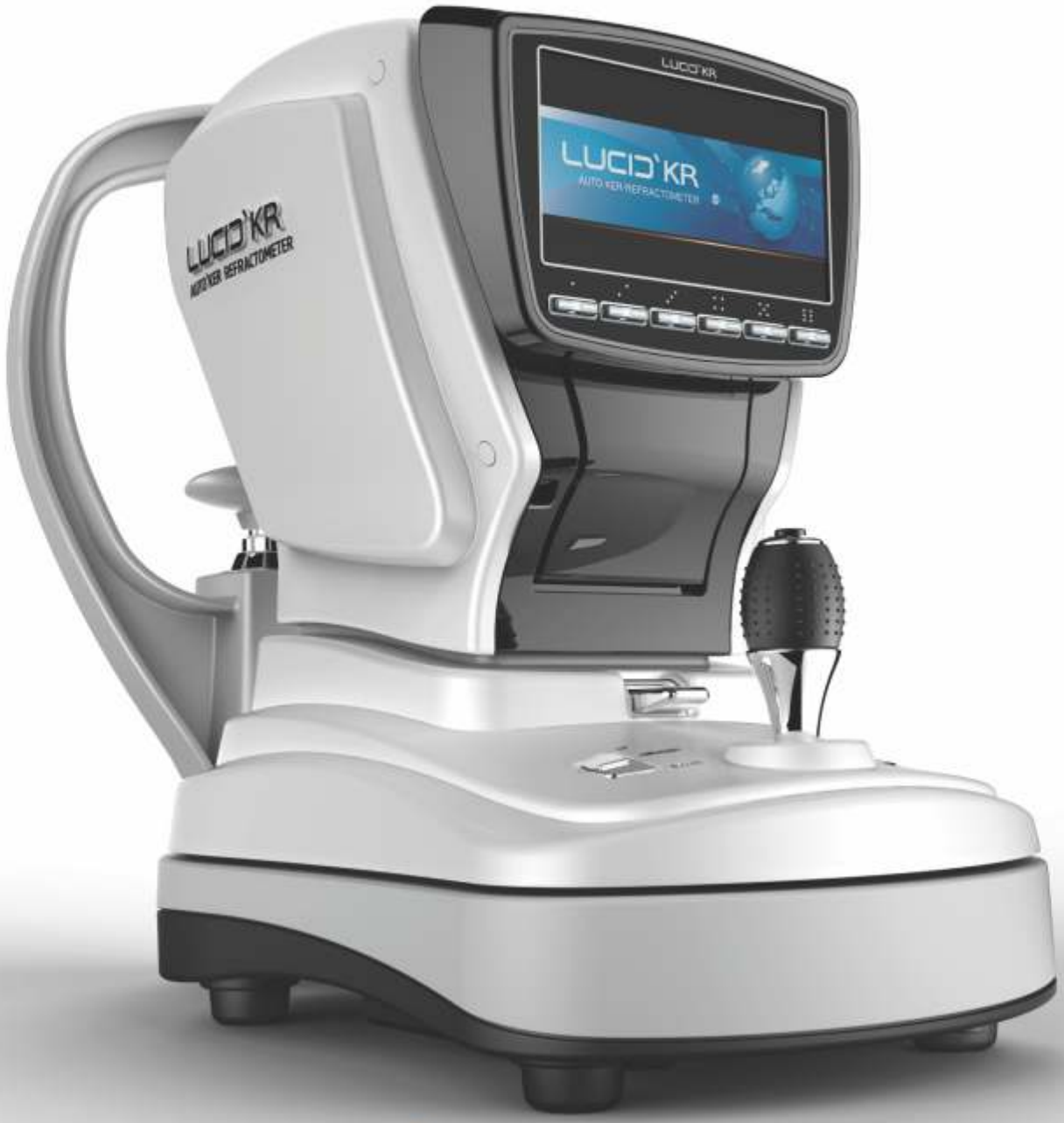
LUCID`KR

AUTO KER'REFRACTOMETER

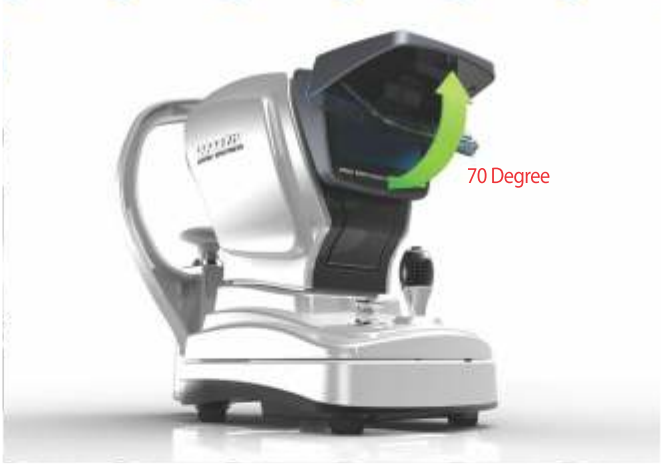


EverView

LUCID`KR
AUTO KER`REFRACTOMETER

Comfortable

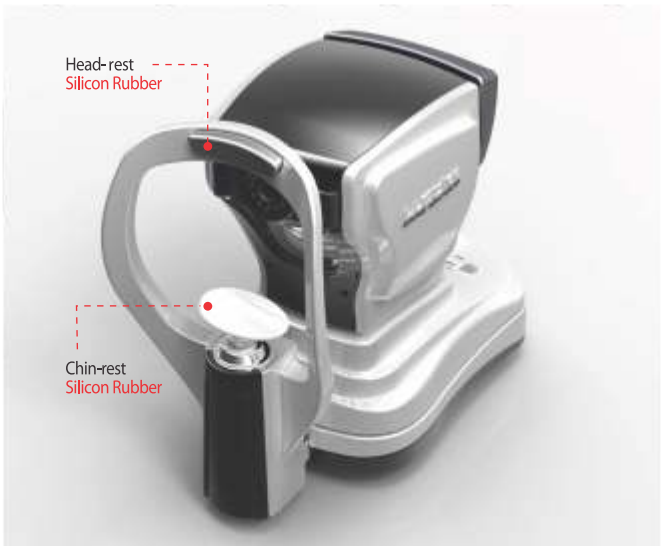
Tilting LCD monitor for 70 degree



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

LUCID`KR, Raised in the table shows

Suitable chinrest & headrest



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

GUI (Graphic User Interface) familiar to operator

LUCID KR is showing the information such as setup function and measurement on the screen by bitmap images and icons simliar to Google's androld, and it is much useful for operators who are familiar with smart phone and internet to make measurement than showing the information by text image.

Easily recognizable ICON

LUCID`KR

AUTO KER-REFRACTOMETER

Convenient

Wide 7 inch TFT Color LCD

It enable the operator to show the abundant information related to the measurement by using wide 7 inch TFT color LCD.

Soft-lock

LUCID-KR incorporates a convenient Soft-lock lever on the main body for temporal locking of moveable part during operation.

Motorized vertical movement

The motorized vertical movement with rotating joystick facilitates lighter and more convenient measurement. In addition, more precise movement enables easy alignment through a special sensing technology of EVERVIEW.

High Speed Printer with Easy loading & Auto Cutting

LUCID-KR incorporates a high speed and user-friendly printer, and the printer paper can be changed easily.

Motorized chinrest movement

The motorized chinrest with simple up / down buttons facilitates smoother operation.

Reliable

Refractive measurement with Hexagon prism & Highly sensitive CCD

With high-quality of Hexagon prism & highly sensitive CCD, LUCID-KR provides unmatched accuracy and reliability. The innovative optical design incorporated into LUCID-KR allows to obtain more reliable and realistic data that is closer to subjective refraction.

An innovative fogging function

An innovative fogging function reduces the effects of Myopia and patient accommodation, and the special target image is adjustable continously for more reliable results.

Advanced 32-bit Microcontroller

SAMSUNG's 32-bit Microcontroller (CPU) with high performace & low currency enables to achieve rapid calculation, accurate measurement and automatic control.

LUCID`KR
AUTO KER'REFRACTOMETER

Specifications

Measurement

Mode		
Conventional Mode	REF	Refractometer
	KER	Keratometer
	REF / KER	Refractometer with Keratometer
	CLBC	Contact-lens base curve measurement
Special Function	PK	Peripheral Keratometer
	ILLUM	Retro-illumination function
	SIZE	Cornea / Pupil size measurement
Refractometer	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	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)
PD	Maximum	88mm

General Specification

Size measurement	Cornea	0 ~ 12.9mm
	Pupil	0 ~ 12.9mm
Target chart	Auto fog system with scenery chart	
Display	Tiltable wide 7 inch TFT LCD	
	Luminance 400cd/m2	
	Resolution 800 x 480 pixels	
Printer	Built in thermal printer with auto loading & auto cutter	
Interface	RS-232C (RX/TX), D-sub (video out)	
Dimension	270 x 520 x 455mm	
Weight	Approx. 18kg	
Power supply	AC 100 - 240V 50/60Hz	
Power Consumption	60W	

EverView
39, Buchonro 186th Gil, Wonmi-gu, Bucheon-city, Kyunggi-do, Korea
Tel 82-32-613-4317 Fax 82-32-613-4319 E-mail : trade@ everview.kr