

*The truly customized
refraction technology.*



- Sturdy customized design
- Engineered for Indian environment
- Calibrated for superior precision
- High sensitivity touch LCD
- Ultra smooth joystick operation
- Small pupil measurement up to 2 mm
- Increased memory up to 20 measurements
- Built-in high speed thermal printer



OPTICS INDIA
EQUIPMENTS PVT. LTD.

Rx 810
Auto Refractometer
Rx 810K
Auto Ref./Auto Kerato.

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Optics India Equipments is proud to present to you a revolution in refraction technology. The Rx 810 / Rx 810K is a masterpiece resulting from years of experience. The Rx 810 / Rx 810K was conceptualized as a user friendly refraction aid, ideal for the Indian environment. We have adopted features and functions that make refraction a pleasure and have custom engineered these into a single click. Designed around a predecessor, this high end technology is now made available to you at a fraction of the cost.

- Higher level of accuracy.
- Rigid frame work for maximum durability.
- Dust resistant Japanese technology optical unit.
- Robust yet feather touch joy-stick operations.
- Auto measurement mode.
- Refractive measurement with Hexagon prism.
- Wide range of Spherical and Cylindrical measurement.
- Crystal clear, high resolution and Ultra Sensitive touch LCD screen.
- Built-in, fast and extended life thermal printer.
- One touch motorized chin rest.

SPECIFICATIONS	
Range of measurement	
Sphere	-20D~+20D (VD=12), 0.125D step
Cylinder	-8D~+8D, 0.125D step
Axis	0~180°, 1° step
PD	45~88 mm, 1 mm step
VD	0 mm, 12 mm, 13.75 mm
Min. Pupil Size	Φ 2.0 mm
Keratometry (Rx 810K)	
Radius of curvature	5.0~10 mm (increment : 0.01 mm)
Corneal power	33.75~67.50D (when corneal equivalent refractive index is 1.337) (increment selectable from 0.12, 0.25D)
Corneal astigmatism	0.0~8.0D (increment selectable from 0.12, 0.25D)
Axis	1~180° (increment : 1°)
Corneal diameter	2.0~14.0 mm (increment : 0.1mm)
Memory of data	10 measured values for right and left eye each
Other	
Chart	Follow-up colorful fogging chart system
Display	7" TFT LCD
Print	Thermal printer
Power supply	220V±10%, 50Hz, 60VA
Dimension	478 x 268 x 472 mm
Weight	20kg (44lb)



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