



ESR-810 & ESR-810K

Auto ref./Keratometer



OPHTHALMOLOGY / ENT



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ESR-810 & ESR-810K

Auto Refractometer/Keratometer



Cod. ESR-810
Auto refractometer

Cod. ESR-810K
Auto refracto-keratometer

- Auto-tracking optical system, the operator can adjust the focus and the alignment in up/down directions.
- Automatic pupil distance measurement enables the operator to take automatic measurements once he obtains a satisfying focus and alignment
- With Servo chin-rest adjustment
- Tiltable TFT LCD screen
- Built-in printer with auto-cut paper function.
- Key lock function, quickly locking mobile platforms

Technical Features

Refractometry	
Vertex Distance	0, 12, 13.5 and 15mm
Spherical degree	-20.00~+20.00D (0.12D or 0.25D Steps)
Cylinder degree	0.00~+/-10.00D (0.12D or 0.25D Steps)
Axis	1~180 ° (1° Step)
Cylinder selection	- , + and +/-
Pupil Distance	30~85mm
Minimum Pupil Diameter	Ø 2,0mm
Measuring Time	0.07 second
Target	Automatic fogging target

Keratometry - only for cod. ESR-810K	
Radius Curvature	5.0mm~10mm
Corneal Refractometry	33.00D~67.50D (0.12D or 0.25D Steps)
Corneal Astigmatism	0.00D~15.00D (0.12D or 0.25D Steps)
Corneal Diameter	2.0mm~12.0mm

Others	
Printer	High speed thermal printer with auto-cut function
Standby Timer	Off / 5 minutes / 15 minutes
Monitors	5,7" color TFT LCD screen
Auto Tracking Range	±16mm (up/down direction only)
Input Power	AC100V ~ AC240V 50Hz/60Hz
Size (LxWxH)	484x270x450 mm
Weight	17 kg



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