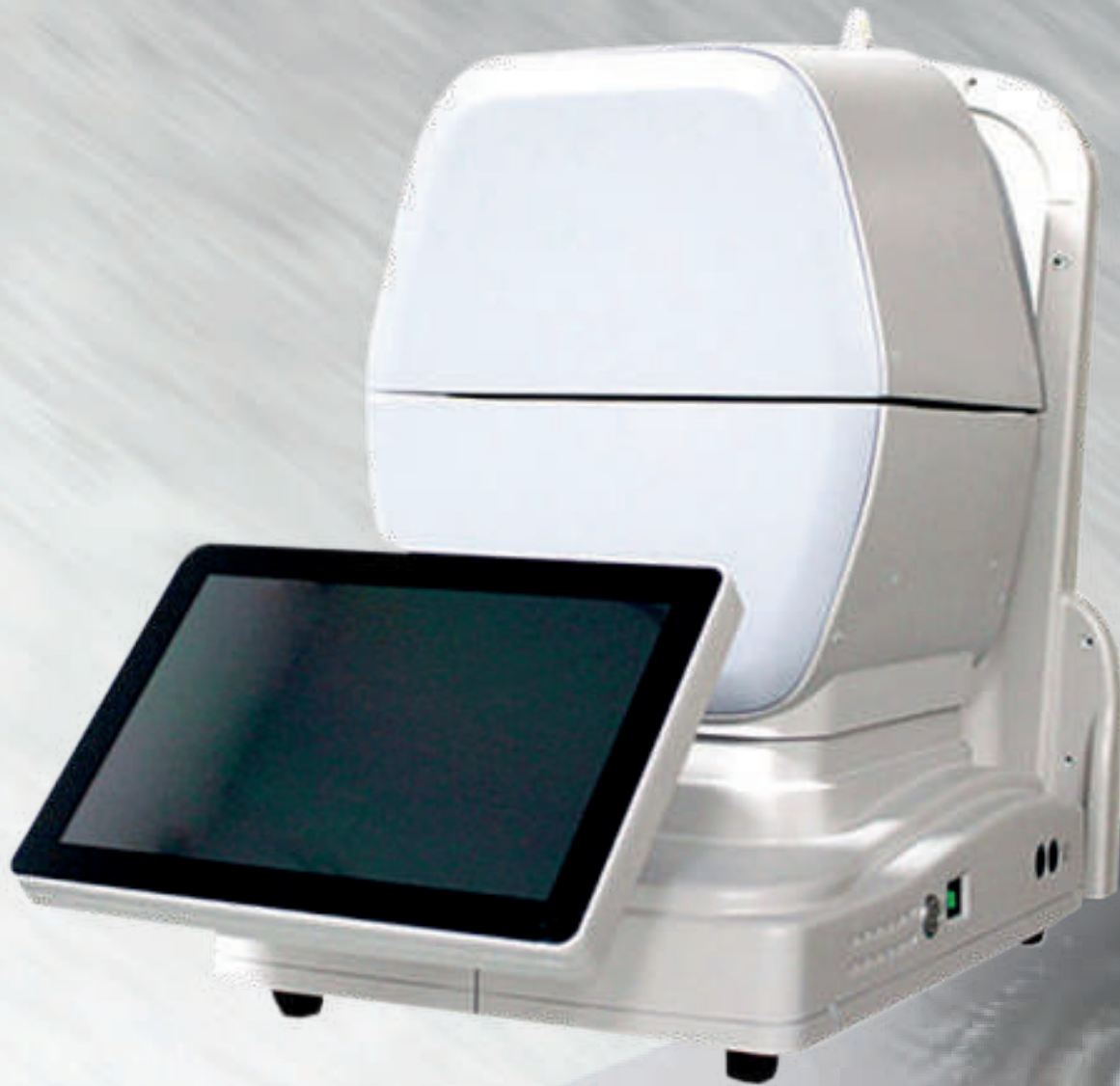




ES-ALVIEW

Optical Biometry
IOL Machine



OPHTHALMOLOGY / ENT



ES-ALVIEW

Optical Biometry IOL Machine

Product Features:

- Automatic operation without handle, one finger touch get all results automatically
- Compact design with computer build in
- Micron level ensure accurate eye axial length measurement
- Biological progress analysis available
- Built-in thermal printer
- Auto alignment, auto focus, automatic achieve binocular results
- 8 group optical parameters were obtained by one measurement



TECHNICAL FEATURES

Measuring Range	
Axial length	14-38mm
Corneal curvature	5-11mm
Anterior chamber depth	0.7-8mm
	1-10mm(lens)
Lens thickness	0.13-2.5mm (intraocular lens)
Center cornea thickness	0.2-1.2mm
Cornea white to white	7-16mm
Pupil diameter	2-13mm
Curvature range	180 degree
Accuracy	
Axial length	0.01mm
Corneal curvature	0.01mm
Anterior chamber depth	0.01mm
Lens thickness	0.01mm
Center cornea thickness	0.01mm
White to white	0.1mm
Pupil diameter	0.01mm
Axis of sight eccentricity	0.01mm
Axis angle	1 degree

Repeatability	
Axial length	0.02mm
Corneal curvature	(1 σ)+/-30 μ m
Anterior chamber depth	0.02mm
Lens thickness	0.02mm
Center cornea thickness	0.02mm
White to white	(1 σ)+/-0.3 μ m
Curvature difference	\pm 9 degree
Others	
Calculation formula of intraocular lens	BinkHorst-II, Holladay, Hoffer-Q, Haigis, SRK-T, SRK II
Interfaces	USB2.0 window 10
Voltage/frequency	AC 110- 240V/50HZ



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