



HBM-1
Huvitz Biometry

Biometry		
Parameter	Measuring range	SD of Repeatability
Axial length	14 – 40mm	±0.025 mm
Anterior chamber depth	1.5 – 6.5mm	±0.04 mm
Central corneal thickness	0.25 – 1.3mm	±0.02 mm
Crystalline lens thickness	1.5-6.5mm(phakic) 0.5-3.5mm(pseudo-phakic)	±0.06 mm
White-to-white distance	7 – 14mm	±0.05 mm
Pupil diameter	0.5 – 10mm	±0.05 mm
Keratometry		
Parameter	Measuring range	SD of Repeatability
Corneal curvature radius	5 – 13mm	±0.03 mm
Cornea refractive power	25.96D~67.50D (Diopter, n = 1.3375)	-
Direction of principal meridians	Measuring range: 1° – 180° Accuracy: according to the ISO 10343:2014 R1-R2≤0.3mm: ±4° R1-R2>0.3mm: ±2°	-
Corneal Topography		
Working distance	80mm	
Placido disc	24 rings	
Points Analyzed	Over 100,000	
공통사항 (Common)		
Display	Tiltable 10.1 inch, Touch panel color LCD	
Horizontal Movement	45 mm (back and forth), 100 mm (left and right)	
Vertical Movement	30 mm	
Chinrest Movement	62 mm (up and down), motorized	
Auto tracking	X,Y for positioning, Z for working distance	
Power Supply	AC 100 - 240 V, 50/60 Hz, 1.6 - 0.7 A	
PC	Built in computer	
Dimension	302(W) x 506(D) x 510(H) mm	
Mess	22 kg	

The design and details of the above products may be changed without prior notice to improve functionality..

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