

Technical Specification

Henson 7000 9000

The Henson range from Elektron Eye Technology



Fast single and multiple stimulus
suprathreshold screening



Enhanced screening and monitoring
with unique use of prior patient data

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Technical Specification

Henson 7000/9000

Test specifications	Henson 7000	Henson 9000
Visual field test range	30°	60° (monocular) / 160° (binocular)
Visual field testing distance	17 cm	25 cm
Stimulus intensity (maximum)	317 ASB	10,000 ASB
Background illumination	10 ASB	31.5 ASB
Stimulus duration		200 ms
Stimulus size		Goldmann III
Test methods	Standard Automated Perimetry (SAP), white-on-white	
Screening tests/patterns		
Suprathreshold - single stimulus	2 levels (26, 68 points)	3 levels (26, 68, 136 points)
Suprathreshold - multiple stimulus	2 levels (26, 68 points)	3 levels (26, 68, 136 points)
Esterman (Driving)	No	Groups 1 and 2 (EU standard)
Customised tests	Test locations can be manually added to all suprathreshold tests	
Threshold tests/patterns		
Zata Standard - threshold central	No	10-2; 30/24-2 (extendable in-test)
Zata Fast - threshold central	No	10-2; 30/24-2 (extendable in-test)
Average testing times		
Suprathreshold - single stimulus		~90 seconds per eye
Suprathreshold - multiple stimulus		<60 seconds per eye
ZATA	N/A	~4 minutes per eye
Fixation control		
Fixation target	Single or 4-point LED diamond pattern	
Heijl-Krakau	N/A	Yes
Video eye monitor	No	Yes
Software features		
Patient management database	MS Windows compatible; networkable	
Practice management integration	EMR compatibility (parameter passing and text file)	
Languages	ENG, CHI, key European languages	
Hemifield Analysis	N/A	Yes
Progression Analysis	N/A	Yes
HFA data import	N/A	Yes
Connectivity		
DICOM	Yes (images)	
Ethernet	Yes, via connected computer	
Database backup	Removable, network or cloud storage	
Dimensions		
Weight (kg)	5	13.5
Measures (mm)	270-350 x 230 x 300-350	440 x 400 x 452
Classification		
Mains operated	Yes	
Medical device	Class 1	
Applied part	Type B	
Regulatory approvals		
CE	Yes	
FDA	Yes	
Control device	External PC / laptop / tablet running MS Windows® Professional, v. 7, and above	
Patient unit inputs/outputs	C13 mains input; Patient Response Button; 1 x USB Type B connector	C13 mains input; Patient Response Button; 2 x USB Type B connector
Electrical requirements	85 - 263V AC, 50/60Hz, 60VA	
Optional printer	Any compatible with controlling computer	