

Technical Specification

Henson 7000

Fast single and multiple stimulus suprathreshold screening in a durable, portable device



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Henson 7000 Screener

Test specifications	
Visual field test range (degrees)	30
Stimulus duration (ms)	200
Stimulus size	Goldmann III
Visual field testing distance (cm)	17
Stimulus intensity (maximum)	317 ASB
Background illumination	10 ASB
Test methods	
Standard Automated Perimetry (SAP), white-on-white	
Screening tests/patterns	
Suprathreshold – single stimulus	2 levels (26, 68 points)
Suprathreshold – multiple stimulus	2 levels (26, 68 points)
Customised tests	Test locations can be manually added to all suprathreshold tests
Average testing times	
Suprathreshold – single stimulus	~90 seconds per eye
Suprathreshold – multiple stimulus	<60 seconds per eye
Fixation control	
Fixation target	Single or 4-point LED diamond pattern
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
Connectivity	
DICOM	Yes (images)
Ethernet	Yes, via connected computer
Database backup	Removable, network or cloud storage
Dimensions	
Weight (kg)	5
Measures (W x D x H / mm)	270-350 x 230 x 300-350 (height adjustable)
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; USB Type B connector	
Electrical requirements	
85 - 263Vac, 50/60Hz, 60VA	
Optional printer	
Any compatible with controlling computer	