

PreView^{PHP}TM

Preferential
Hyperacuity
PerimeterTM



For Early Detection and Monitoring of Age-related Macular Degeneration (AMD)

- Preferential Hyperacuity Perimetry – provides standardized analysis of the visual field map. Test results display visual disturbance patterns consistent with progression of AMD.
- Clinically validated – high sensitivity and specificity for the early detection of AMD-related visual abnormalities
- Rapid testing times – approximately 5 minutes per eye
- Maximum patient comfort – touch-screen operation, no chin rest required
- Operator friendly – simple on-screen menus with automatic analysis of test results
- Abundant archiving and back-up – Removable 128MB flash memory key for media storage and transfer of patient records
- Two printer options – built-in thermal printer and optional external inkjet printer for full-page color printout of patient visual field map



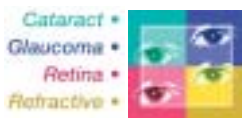
Overview

The PreView PHP™ is a visual field test using an artificial distortion technique. The test is based on the hyperacuity phenomenon, where a dot deviation signal is flashed across different macular loci. Distortions or scotomata are recorded and automatically analyzed, yielding a map of the macular visual field, as well as a standardized analysis. PreView PHP provides early detection, monitoring, and referral for further investigation of AMD. These are critical to prevent vision loss and to maximize treatment benefits.

Technical Specifications

Stimulus:	Dot deviation signal flashed across macular loci	
Area of Field Tested:	Central visual field – 14 degrees	
Presentation Order:	Pseudo random	
Patient Data Retrieval:	Extensive indexed retrieval tools	
Data Storage, Transfer, and Back-up:	10GB hard drive Removable flash memory key for results export and S/W upgrades; dedicated secondary key for results back-up	
Printer:	High-speed, high-resolution internal thermal printer USB port for optional external inkjet printer	
Dimensions:	Height: 12" (30cm) Depth: 12" (30cm)	Width: 20" (50cm) Weight: ~33 lbs. (15kg)
Electrical:	100-240 V, 50/60 Hz, 1 A max. IEC-320 standard power inlet connector for worldwide use	
Table:	Optional	

Technology provided by



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