

APS-T90/T00 (Model A)

Projection Perimeter (Model B)



Product

Features

Comply with Goldmann international standards.

Dynamic field of view measurement.

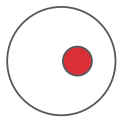
Fully automatic chin rest.

AEC automatic monitoring and correcting of eye position.

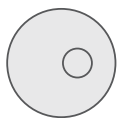
International Standards
Accurate Fast



Blue/Yellow
Visual Field
Swap



Red/White
Visual Field



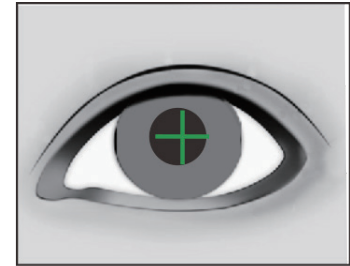
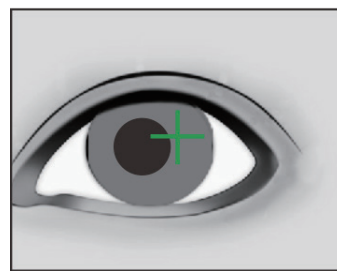
White/White
Visual Field

Color Perimetry: More Sensitive Detection Of Early Visual Field Defects.

Blue/yellow contrast visual field, Red stimulus visual field

Unique Intelligent Detection Tactics (IDT):

Complete a full threshold examination in 3 minutes



Automatic Eye Position Correction

Reliability Index

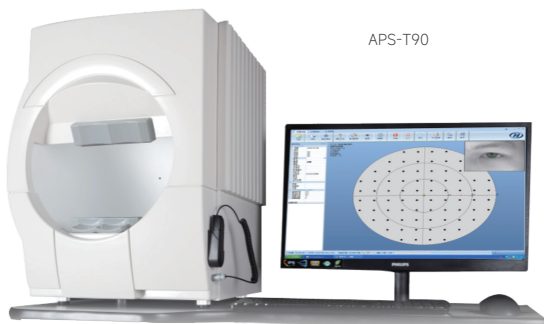
Fixation Losses, False Negative, False Positive, Automatic pupillometry, Fixation Tracking.

Report Analysis

Numerical Value Map, Gray Scale Map, Total Deviation Map, Total Deviation Probability Map, Pattern Deviation Map, Pattern Deviation Probability Map, Glaucoma Progression Analysis, Dynamic Visual Field Map.

Visual Field Index

Mean Deviation (MD), Pattern Standard Deviation(PSD), Visual Field Index (VFI), Glaucoma Hemifield Test (GHT)



APS-T90

APS-T00



Product Introduction

LED visual target with a service life over 50,000 hours.

Accurate control by PLC system for visual target brightness level and color temperature.

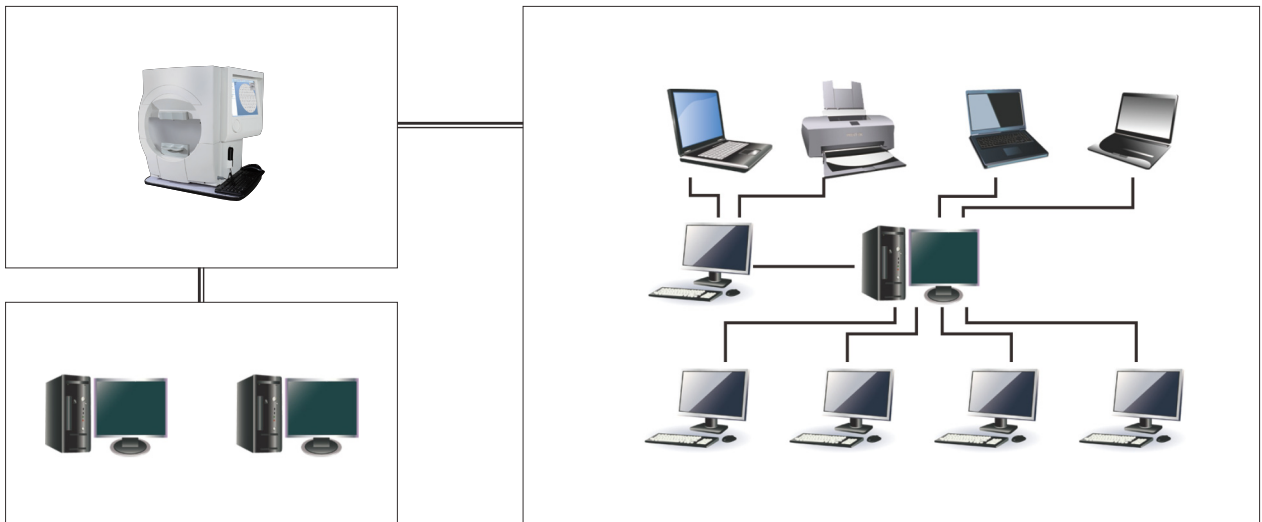
Accurate data comparison of patients from different gender and age groups.

GPA Prediction for glaucoma progression rate, probability and visual field index .

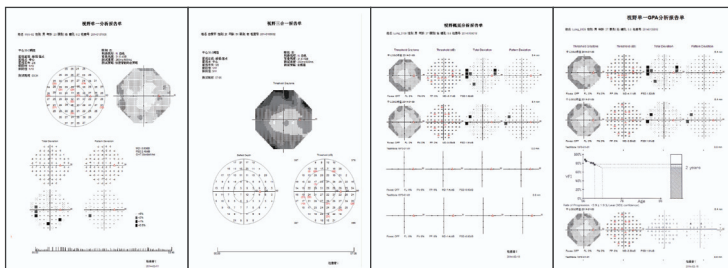
Special Projection Perimeter System Software

Powerful data archive management, convenient retrieval and management of patient files, visual progress tracking.

Standardized Dicom3.0 interface, connectable to hospital HIS system and PACS system, supported medical networking



Practical Results Report



Single Vision Analysis Three In One Vision Analysis Overview Vision Analysis Glaucoma Progress Analysis



Fixation Map:
Monitoring patient eye blink, movement during test, evaluate the test result

Model	APS-T90	APS-T00
Appearance	Split Type	Integrated Type
Stimulating Way	Optical Projection	
Projection Surface	Aspheric Projection Arc	
Detection Method	Static Perimetry, Dynamic Perimetry	
Detection Scope	0-90°	
Brightness Level	0-51db	
Testing Distance	300mm	
Visual Target Color	Red Blue White	
Visual Target Brightness	0 ~ 10000 asb	
Background Light	White(31.5asb), Yellow(315 asb)	
Vision Target Interval Time,keeping Time	System adaption, Standard, Slow, Custom	
Pupil Size Measurement	Auto	
Head Movement Way	AEC Automatic Eye Position Monitoring and Correction System	
Brightness Measurement	Intelligent Brightness Monitoring and Correction	

Visual Target Size(Goldmann Standard)	I Grade, II Grade, III Grade, IV Grade, V Grade	
Detection Strategy	Full-threshold, Fast Threshold, Custom, Two Notation, Three Notation, Quantify Defects, Intelligent Dynamic, Fast Intelligent Dynamic	
Threshold Policy	Age-related, Threshold-related, Single Intensity	
Static Perimetry	Threshold Test Mode	Center 10-2, Center 24-2, Center 30-2, Center60-4, Nasal Step, Macula;
	Screening,special Test Mode	Center 40, Center 64, Center 76; Center80, Center Armaly, Peripheral 60. Nasal Step, Armaly Full Field, Full Field 81, Full Field 120 Full Field 35 Full Field246, Upper36, Upper 64, Esterman Monocular, Esterman Binocular
Dynamic Perimetry	Dynamic Program	Manual Procedures, Standard Procedures (Standard 45, Standard 30, A Standard 15). Single Point Map, Dark Spot Map, Blind Spot Map, Custom Scan, Custom Dynamic Program
	Stimulation Parameters	Adjustable (Speed 1-9 / S, Visual Target Size, Color, Intensity, Test Ranges, Etc.)
Fixation Monitoring	Dynamic Real-time Video Monitoring, Physiological Blind Spot Monitoring. Eye Tracking Curve, Eye Position Offset Alarm	
Analysis Software	Reliability Analysis, Single Vision Analysis, Triple Report Analyzes. Overview Vision Analysis. GHT Glaucoma Hemifield Test. GPA Glaucoma Progression Analysis	
Report Chart	Numerical Map. Gray Scale Map. Total Deviation Chart. Total Deviation Probability Map. Pattern Deviation Chart. Pattern Deviation Probability Map, Fixation Map	



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