



## Eyevis Auto Perimeter EP1

# Product Representation

## ❖ Standard Goldmann White-on-White perimeter

Full compliance with the Goldmann standards, White stimulus on white background light test

## ❖ Auto eye recognition and pupil diameter measurement

System recognize OD/OS automatically and alarm to indicate operator, which is helpful to avoid operation mistake before/during test.

Auto pupil diameter measurement, which is reference element for OD/MD to correct visual error.

## ❖ AI controlled Chinrest-forehead rest

Intelligent and fully automated chinrest-forehead rest system, realizes auto alignment of patient eye position. Synchronized movement of chinrest and forehead rest ensure the comfortableness and accuracy of testing.



## ❖ Voice Guidance

Instruct examinee how to cooperate before test, and indicate examinee during whole test by voice guidance.

## ❖ Doubted points recheck

Useful for clinic, confirm the dots value which are not reliable, save much time by avoiding whole test rechecking.

## ❖ Dicom

Data operation for patient information uploading and downloading.

## ❖ Blue-On-Yellow Test(SWAP)

Specialized Glaucoma testing mode(Available only in EP 1 Pro)

# Software Representation

## Static Test Programs

### Threshold Test

10-2,24-2,30-2,60-4,24-2C  
Macula,Nasal step

### Screening Test

C-40,C-64,C-76,C-80  
C-Armaly,P-60,Nasal step  
FF-81,FF-120,FF-135  
FF-246,FF-Armaly

### Special test program

Esterman Monocular  
Esterman Binocular  
Superior 36,Superior 64  
Horizontal View Angle Check  
Blind Zone Test  
Driver Quick Test  
Driver test ,CV-100

EP 1

## Kinetic Test Programs

Standard Program

Blind Spot Map

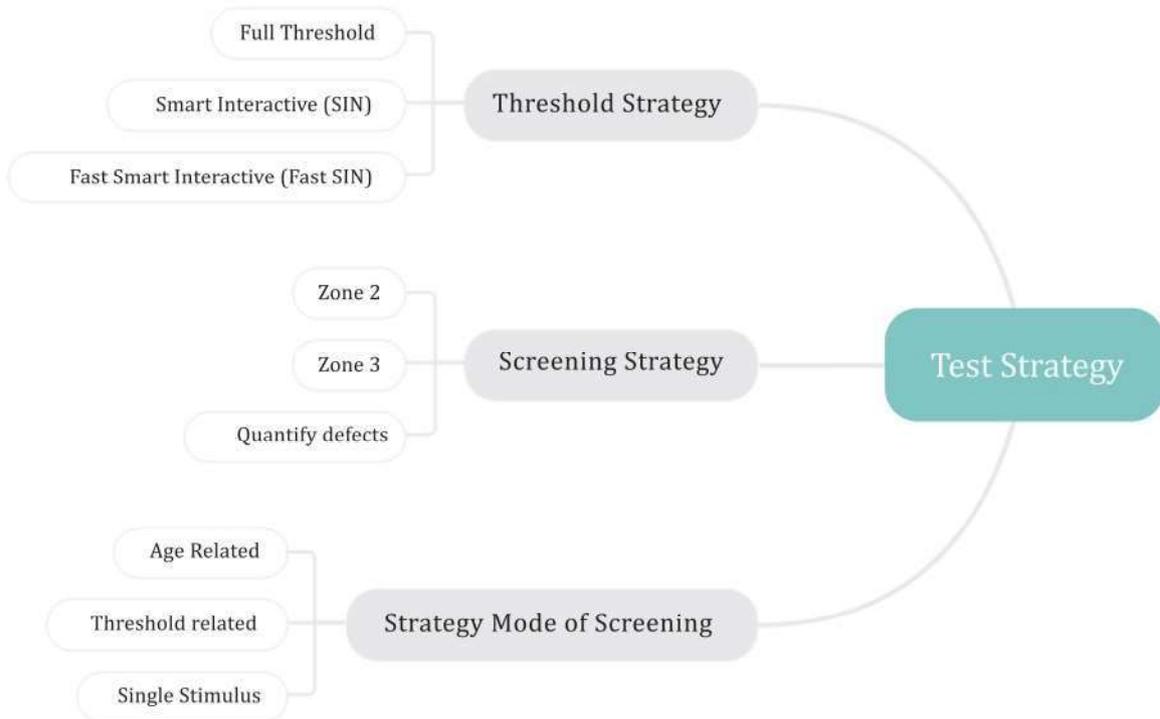
Scotoma Map

Static Points

Single Straight

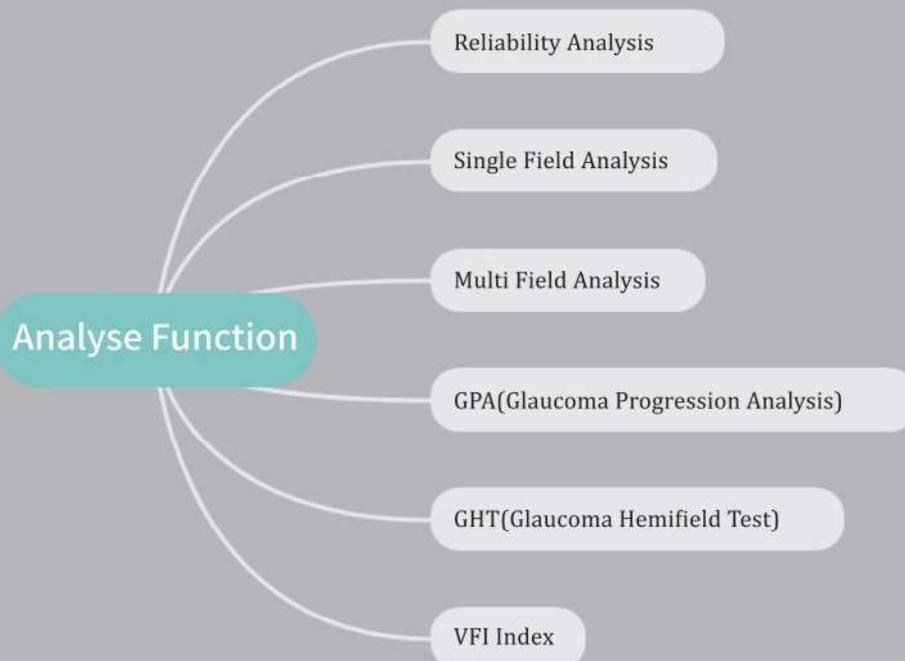
EP 1 Pro

# Software Representation



## ❖ Efficient Test strategies = Reduce Test time + Accuracy

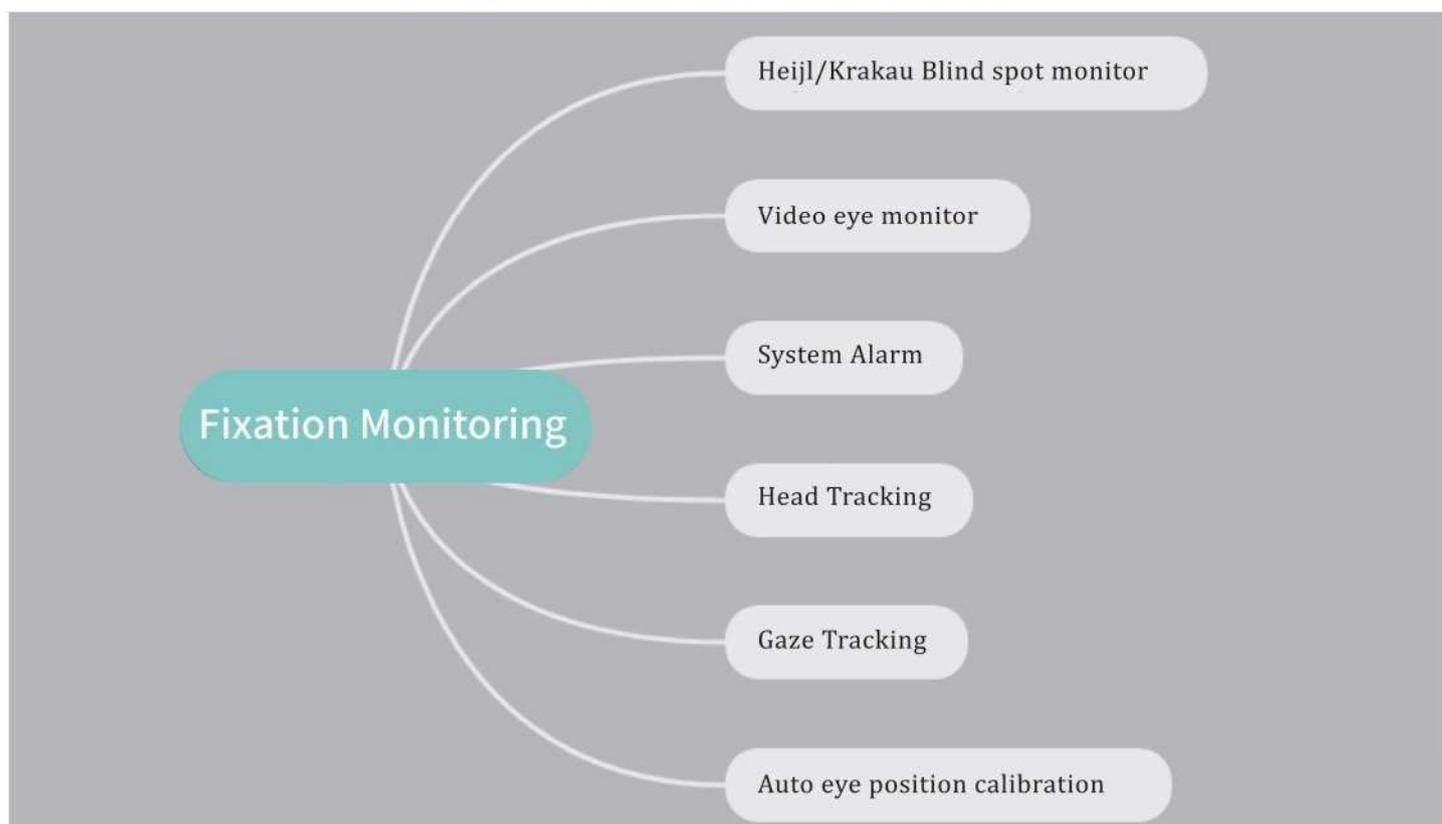
The test strategies fully consider different age groups, responsiveness, visual field defects regularity, and the distribution of the field island, provides faster solution for Perimetry testing which is Smart, Intelligent and interactive.



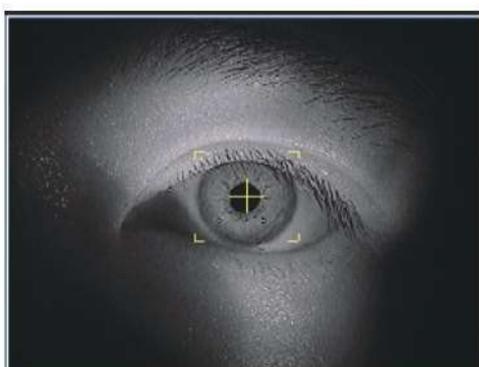
# Software Representation

❖ **Multiple Fixation Monitoring system**

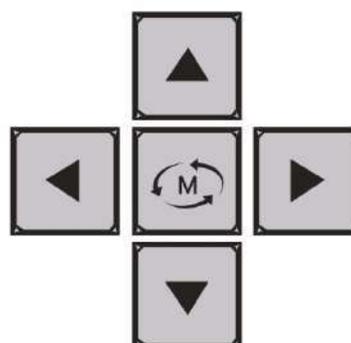
❖ **Trace the reliability of test result**



Gaze tracking curve



Eye tracking

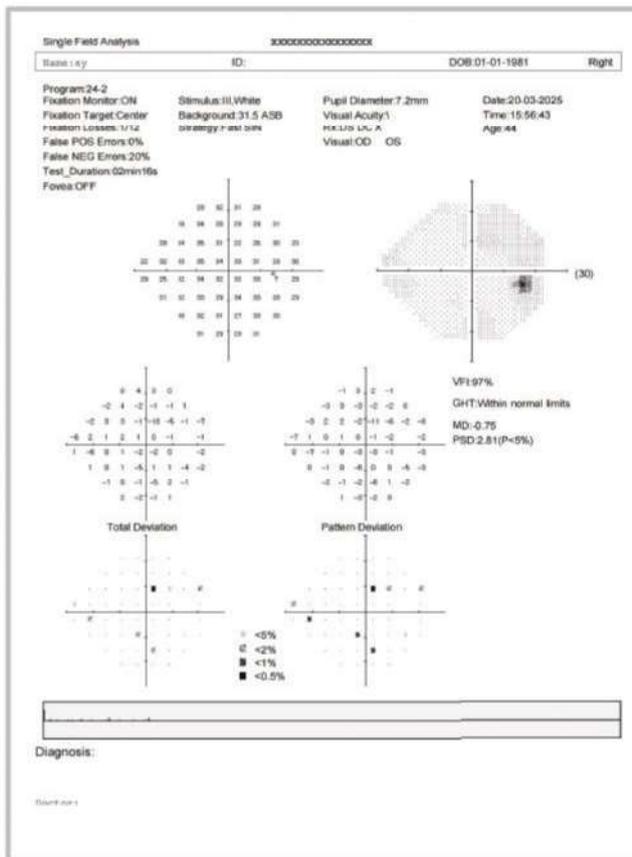


Auto/Manual HeadRest Control Optional

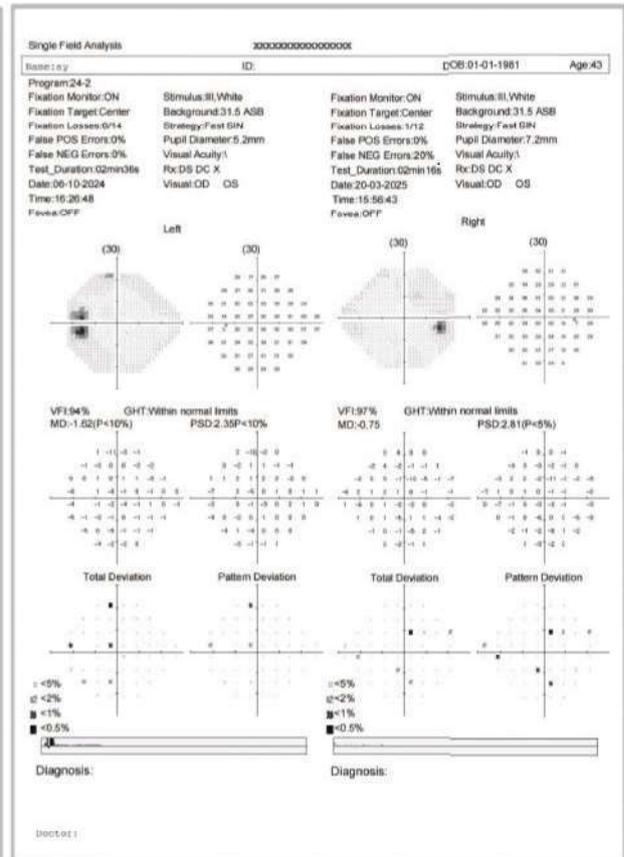
# Software Representation

## Classic Test report

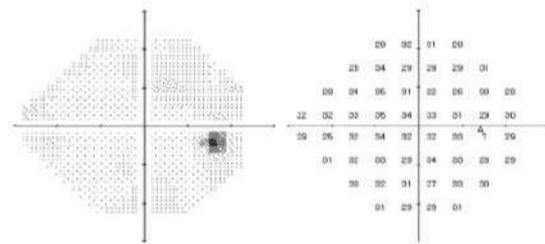
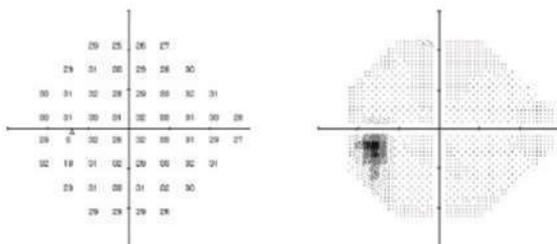
Test report in Classic format, can be easily read and understood by doctors worldwide.



Monocular Report



Binocular Report



# Technical Parameter

Parameter		Model		
		EP 1	EP 1 Pro	
DB Value Range Displayed		0~40db	0~51db	
Stimulus Intensity Range		1asb~10000asb	0.08asb~10000asb	
Stimulus Size		Goldmann III	Goldmann I-V	
Stimulus Color		White	White, Red, Blue	
Stimulus Duration Time		200ms/Adaptive		
Max Measurement Range		90°		
Test Distance		30cm		
Sphere Size		Radius 300mm		
Background Illumination		White 31.5 asb (10cd/m2)	White 31.5 asb / Yellow 315 asb	
Test Mode		Static	Static & Kinetic	
Stimulus Quantity		456 points	Unlimited	
Stimulus Plane		Aspherical Surface		
Stimulus Source		LED	Halogen	
Chinrest Control		Touch Screen Keyboard and Mouse Control, Button Control		
Head Movement		Chinrest and forehead-rest move simultaneously		
PC Configuration		CPU: 1.6 GHz; RAM: 4 GB; Hard disk: 500 GB, USB		
		Operation System: Windows 10		
		LCD:14" Capacitive Touch Screen		
		Networking: Ethernet & WiFi		
Software Function	Test Programs	Threshold Test Programs	10-2, 24-2, 30-2, 60-4, Macula, Nasal Step, 24-2C	
		Screening Test Programs	C-40, C-76, P-60, Nasal Step, FF-81, FF-120, FF135	C-40, C-64, C-76, C-80, C-Armaly, P-60, Nasal Step, FF-81, FF-120, FF-135, FF-246, FF-Armaly
		Special Test Programs	Esterman Binocular, Superior 36, Horizontal View Angle Check, Driver Test, Blind Zone Test, Driver Quick Test, CV-100	Esterman Monocular, Esterman Binocular, Superior 36, Superior 64, Horizontal View Angle Check, Driver Test, Blind Zone Test, Driver Quick Test, CV-100
		Kinetic Programs	/	Standard program, Blind spot map, Scotoma Map, Static points, single straight
	Test Strategy	Threshold Strategy	Full Threshold, Smart Interactive (SIN), Fast Smart Interactive (Fast SIN)	
		Screening Strategy	Zone 2, Zone 3, Quantify Defects	
		Strategy Mode of Screening	Age Related, Threshold Related, Single Stimulus	
	Analyze Function	Single Field Analysis, Multi Field Analysis, Reliability Analysis,		
	Fixation Monitoring	Heijl/Krakau Blind Spot Monitor, Video Eye Monitor, System		
	DICOM Support	●	●	
	Voice Guidance Function	●	●	
	Fixation Deviation Alarm	●	●	
	Customize Test Program	●	●	
Auto OD / OS Recognition	●	●		
Dimension	480mm(L)*430mm(W)*528 mm (H), 14kgs	480mm(L)*430mm(W)*560mm (H), 24kgs		
Packaging	560mm(L)*500mm(W)*670 mm(H), 21kgs	560mm(L)*500mm(W)*700mm(H) , 28kgs		
Others	Power consumption: 200V Input Voltage: AC 100 – 240V, 50~60Hz	Power consumption: 200V Input Voltage: AC 100 – 240V, 50~60Hz		



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