



Perimeter

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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

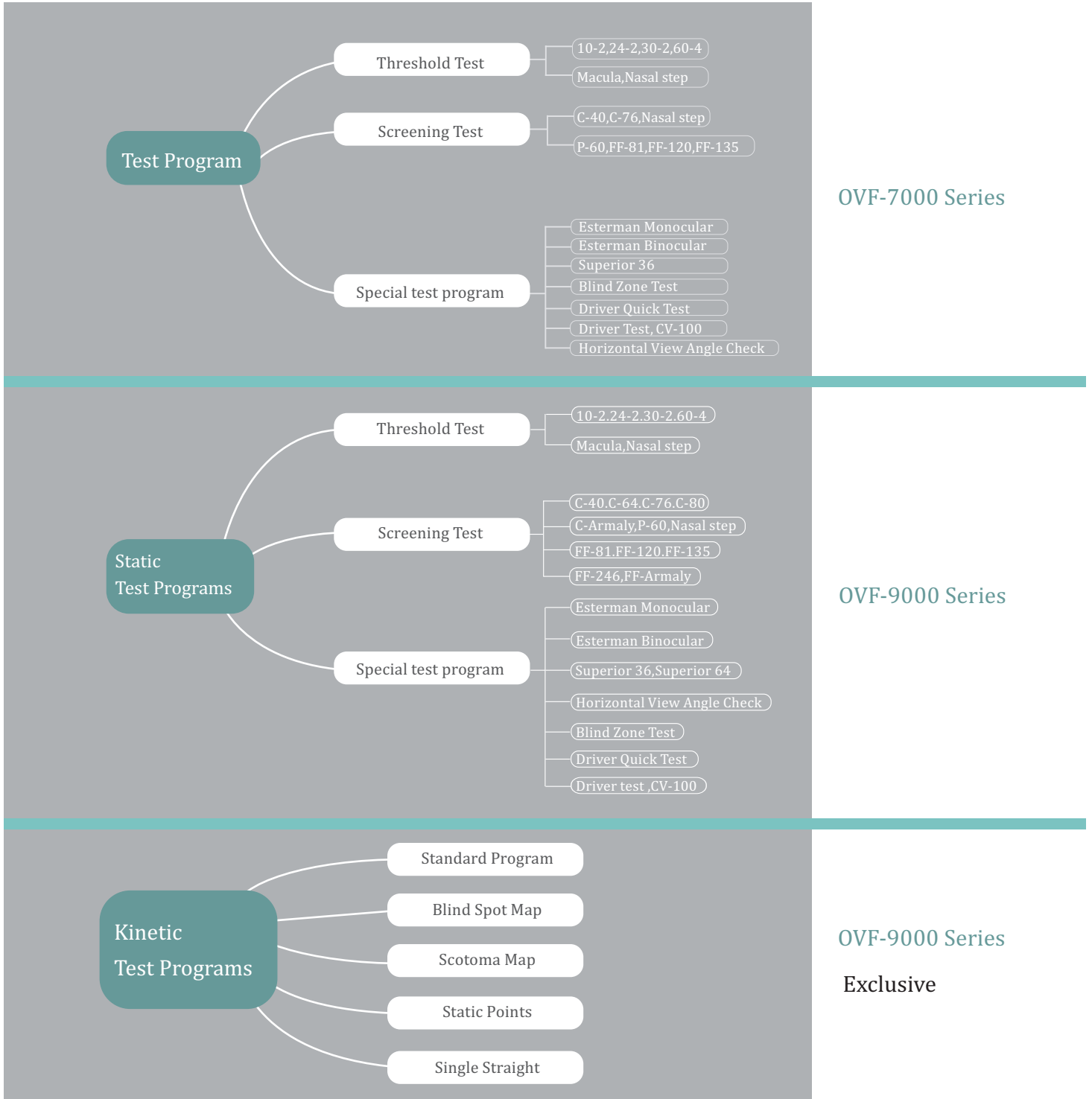
Data operation for patient information uploading and downloading.

❖ Blue-On-Yellow Test (SWAP)

Specialized Glaucoma testing mode(Available only in OVF-9000 Pro)

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Software Representation

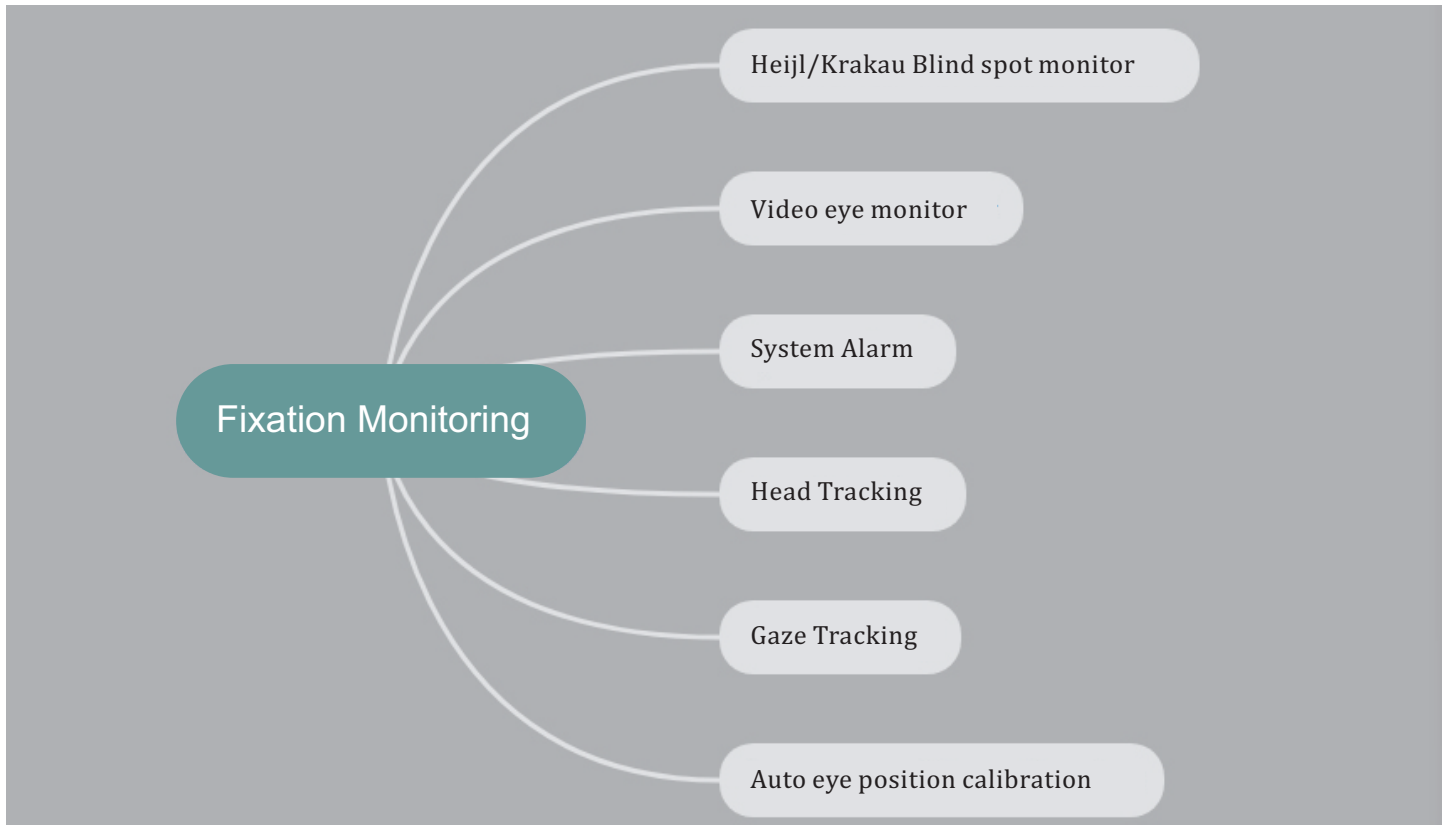


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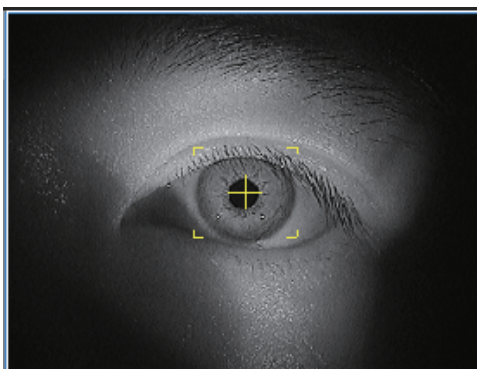
Software Representation

❖ **Multiple Fixation Monitoring system**

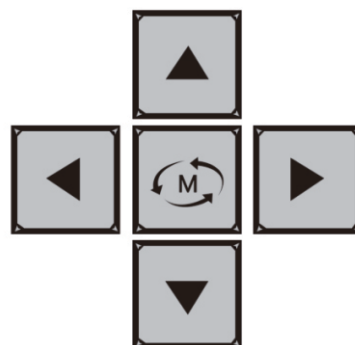
❖ **Trace the reliability of test result**



Gaze tracking curve



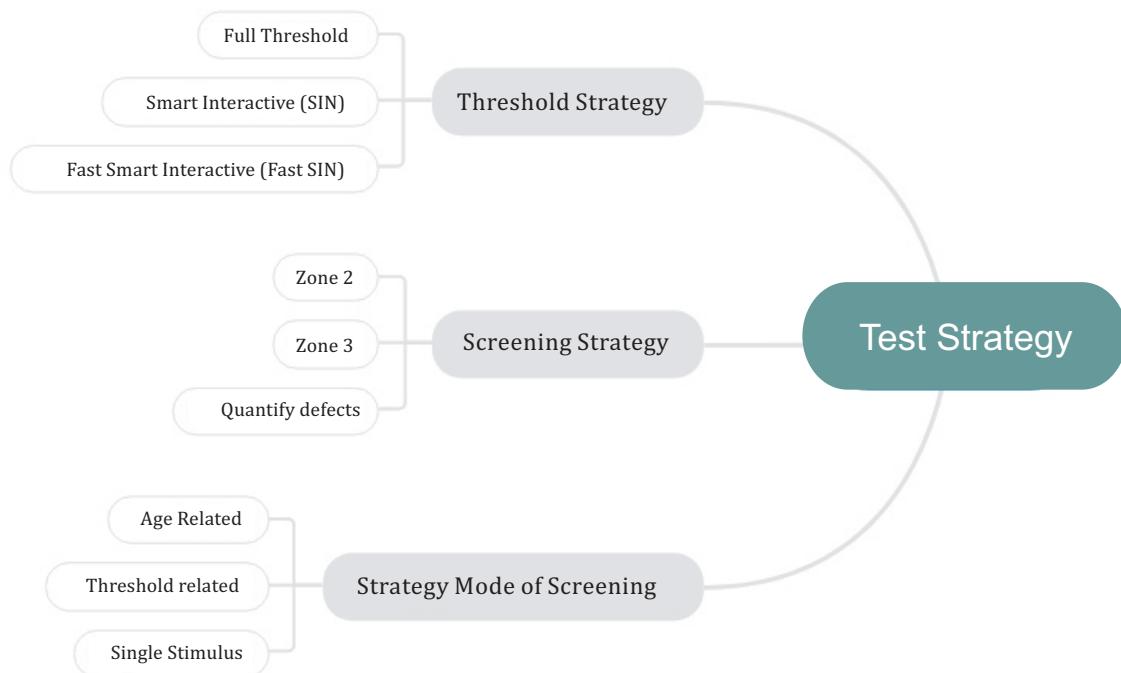
Eye tracking



Auto/Manual HeadRest Control Optional

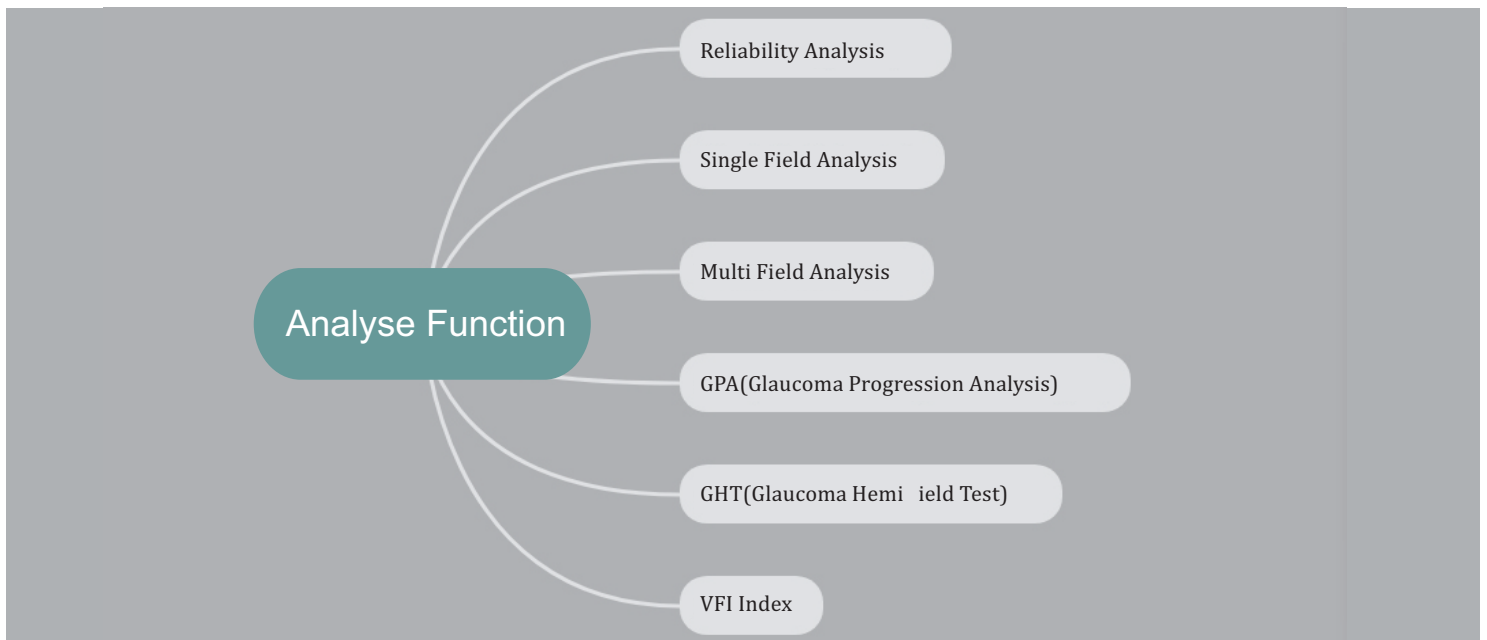
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Software Representation



❖ 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.

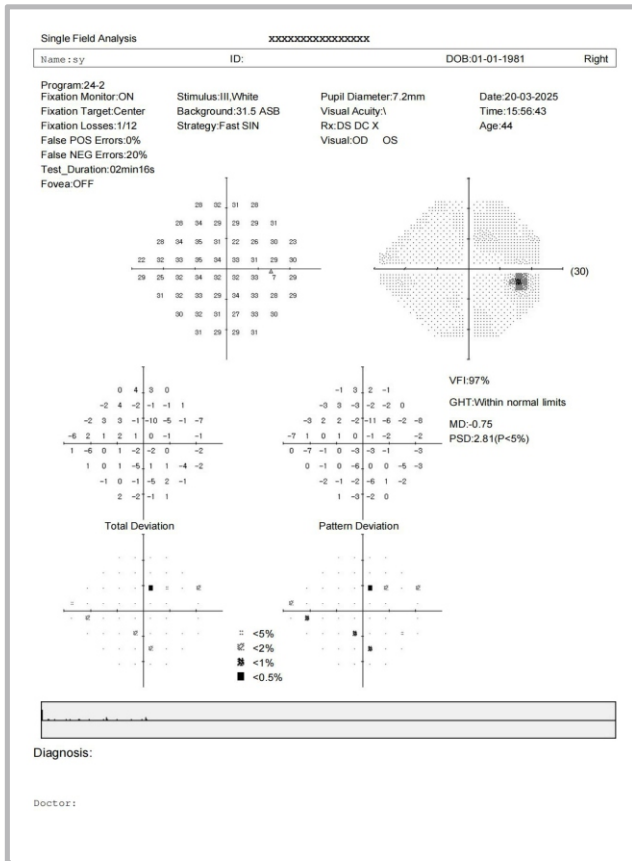


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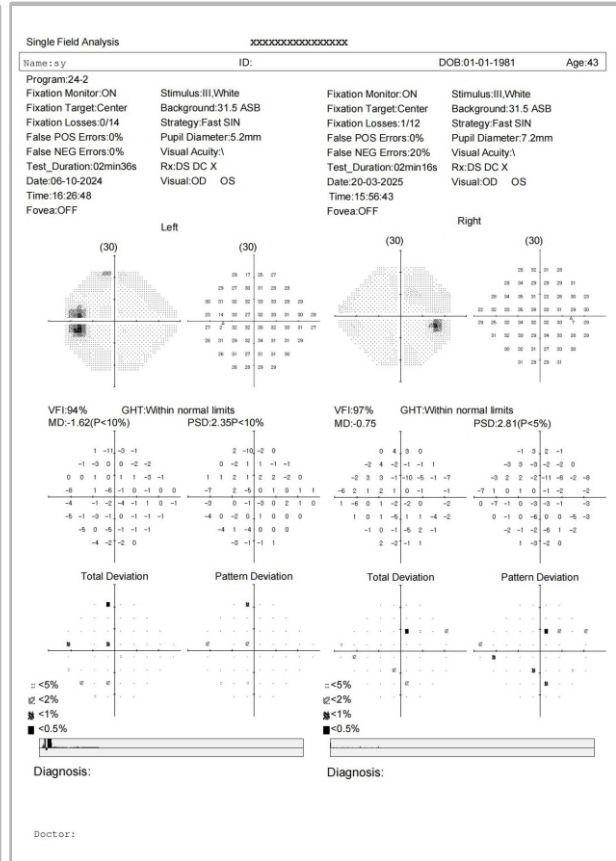
Software Representation

Classic Test report

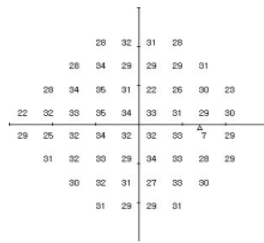
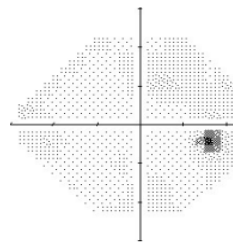
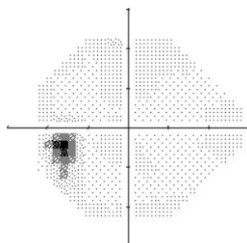
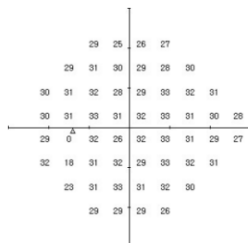
Test report in Classic format, can be easily read and understood by doctors world widely.



Monocular Report



Binocular Report



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Technical Parameter

Parameter		Model	OVF-7000	OVF-7000 Pro	OVF-9000 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 315asb	
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: 120 GB;			
			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			
		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 Monocular, Esterman Binocular, Superior 36, Blind Zone Test , Horizontal View Angle check, Driver Test , Driver Quick Test CV-100	Esterman Monocular, 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, GPA(Glaucoma progression Analysis), GHT(Glaucoma Hemi fieldTest), VFI Index				
	Fixation Monitoring	Heijl/Krakau Blind Spot Monitor, Video Eye Monitor, System Alarm, Head Tracking, Gaze Tracking, Auto Eye Position Calibration				
	DICOM Support		●	●	●	
	Voice Guidance function	/		●	●	
	Fixation Deviation Alarm	/		●	●	
	Customize test program	/		●	●	
	Auto OD/OS recognition	/		●	●	
Dimension		480mm(L)*430mm(W)*528mm(H), 14kgs		480mm(L)*430mm(W)*560mm(H), 24 kgs		
Packaging		560mm(L)*500mm(W)*670mm(H), 21kgs		560mm(L)*500mm(W)*700mm(H), 28 kgs		
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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Optional Accessories :



Perimeter Trial Lens Set



Instrument Table



Printer



EYECARE
MEDICAL DEVICES
SKILL DEVELOPMENT

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