



ES-BIO1100

Ophthalmic Visual Field
Analyser



OPHTHALMOLOGY / ENT



Features

- Rigorous implementation of Goldman international standard.
- Halogen projection system: Stimulation light source is from wide band visible spectrum, fully meet colored cone cell stimulation.
- Accurate and elaborate database of normal population of all age groups, recognition of more subtle early visual field defects.
- GHT glaucoma semi vision analysis, make glaucoma diagnosis easier.
- GPA glaucoma progression analysis upgrade, slight glaucoma development is obvious.
- Standard SWAP blue-yellow visual field examination, sensitive to earlier visual field defects
- Scientific and intelligent interactive inspection strategy, 30° range visual field inspection only takes 3 minutes.
- Simple one-stop modular software design, equipment operation learning only 2 minutes

Spécification

Testing scope	90°
Testing distance	30CM
Background light	white31.5asb、yellow315asb
Visual target	0.08asb---10000asb (0-51DB)
Target size	Goldmann I、II、III、IV、V
Visual target stimulation time	200ms
Visual target interval time	Standard and custom
Threshold policy	Macula, 10-2, 24-2, 30-2, 60-4, nasal side
Upper threshold policy	C-40, C-64, C-76, FF-81, FF-120, FF-135.....
Special detection strategy	Esterman monocular, Esterman binocular, upper36°screening, blind point testing
Yellow-blue testing	Standard 440nm blue V visual target + 315asb OG530yellow background brightness
Visual target	Red ,blue
Dynamic policy	Standard dynamic、blind dynamic、dark spot dynamic、straight line dynamic
Custom policy	Static custom dynamic custom
Pupil size measurement	Auto
Fixation monitoring	Physiological blind spot monitoring, eye position monitoring, eye position moving alarm, eye tracking curve
Environment light testing	Auto
Analysis software	Reliability analysis , single report, triple report, GHT glaucoma semi vision report, GPA glaucoma developing analysis, VFI analysis, Blue-yellow analysis
System	Win7 above
Size	412mm (length) * 497mm (width) * 513mm (height)
Weight	17kg
Power	100-240V HZ: 50-60Hz



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