

ELK-1000

AUTOMATIC COMPUTER PERIMETER



ELK-1000

Automatic Computer Perimeter

The ELK-1000 automated perimeter absorbs the advantages of international advanced perimetry devices. It comprises the highly integrated computer, optics, machinery and electronics systems. Incorporated with the advanced configuration, comprehensive software inspection categories, and strictly in accordance with international Goldman standard, it provide scientific means for glaucoma, fundus disease, visual pathway injury and neurological diseases.

Technical Features

*Comprehensive real-time monitoring, heiji-krakau physiological blind spot monitoring, gaze tracking/head position tracking, automatic measurement of pupil diameter, reduce the impact of pupil effect on visual field detection.

*Personalized design, accurate clinical analysis, accurate and rapid examination strategy.

*Under international Goldman standard, providing a variety of classic test procedures and report analysis



Technical Specification

Basic Specification

Inspection range	90°
Inspection distance	30CM
Background light brightness	White 31.5asb
Visual target brightness	1asb---10000asb
Visual target size	Goldmann ID
Visual target interval time	200ms
Visual target interval time	Standard or adjustment according to patient reflection
Threshold test model	Center 5°-16, center10°-68, 24-2, 30-2, 30°-60°, nasal step
Upper Threshold test model	30°-40 , 30°-76, P-60, 60°-81, 60°-120,1 90°-135 nasal side
Special detection strategy	Esterman monocular, Esterman binocular , user-customized test, 150° driver monocular fast detection, 150° driver monocular standard detection , upper 36° detection, blind spot detection, 150° horizontal straightness detection
Pupil size test	Automatic
Fixation monitoring	Blind spot monitoring , eye position eye position deviation alarm, eye deviation curve
Environment light detection	Automatic
Analysis software	Reliability analysis, single vision report, triple visionreport, GPA half vision analysis, GPA glaucoma developing analysis , VFI vision index analysis
Operation system	Win7 above

Others

Size	412mm (length) * 497mm (width) * 513mm (height)
Weight	17kg
Power	100-240V , 50-60Hz

Note: with development of technology, specifications and design are subject to change without notice.