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KALEIDOS

Binocular Visual Analyzer

Reliably detecting refraction errors and vision abnormalities.



US OPHTHALMIC

A vision that inspires yours



Kaleidos Features

Kaleidos is a mobile binocular refractometer and vision analyzer that speedily and simultaneously measures both eyes. The comprehensive technology enables the use of “real-life” visual conditions to fully detect refractive errors, eye abnormalities and visual defects. Prismatic diopters, as well as other additional features.

Kaleidos communicates via smartphone or tablet by using an intuitive app (optional), which acts as a resource to store and share data with collaborators, colleagues or patients. The Kaleidos measures objective refraction in the range of -15D to +15D, and phorias/tropias in, prismatic diopters.

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Automatic, and easy to use		Extremely fast and accurate producing consistent measurements		Entirely independent of environmental light conditions	
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Allows sharing of measurements with your collaborators		Provides data in a comprehensive and clear report		Online data storage easily facilitates the sharing of measurements with patients	

The Kaleidos' Applications

Portable, robust and compatible in diverse light conditions make Kaleidos a great choice for screening large populations. It will quickly become your go-to tool.





› Battery Operated



The kaleidos' user-friendly versatility makes it ideal for use with children, and disabled people.

› Obtains a high degree of efficency for detecting, and documentation of early, and of multiple amblyogenic factors.
› Procures un-aided binocular refractions.
› Detects visual anomalies related to anisometropia, anisocoria, strabismus, and phorias.
› Measures pupil parameters: pupil size, pupil distance, and head tilt.
› Efficiently measures refractions of varying pupil size.
› Use programmable light stimulations to measures dynamic pupils response.



Binocular Visual Analyser

Detecting Refracting Errors and Vision Anormalities with Reliability

Specifications

Operating Mode	Binocular / Monocular
Refraction Measurement	Automatic
Sphere Range	+15, -15 D
Cylinder Range	+5, -5 D
Cylinder Axis	1° – 180°, step 1°
Pupil Size	4-11 mm, step 0.1 mm
Pupil Distance	Automatic Detection, 30-120 mm, step 0.1 mm
Fixation Target	Built-in
Acoustic Target	Built-in
Data Interface	Wi-Fi, internal microSD card
Printer Interface	Wi-Fi and email to print
Power	Rechargeable Battery Pack, 50 Wh
Size	Tube: 1118 x 260 x 140 mm / Metal Stand: 410 x 440 x 320 mm
Max Height Operation System	1290 mm
Net Weight	8.4 lbs
Power Supply	AC-DC medical grade power supply, 18V, 40W

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1 YEAR WARRANTY

Made in ITALY