



KALEIDOS

First and unique light independent Vision Analyzer



Binocular objective refractometer

Kaleidos detects refractive errors such as myopia, hyperopia, astigmatism and other sight anomalies. This procedure is performed binocularly, in real life vision conditions.



Portable and light independent

Kaleidos, thanks to a small and practical suitcase, can be transported everywhere. The device serves as a portable dark room that allows refractive examination in any environment and light condition.



Fast and accurate

Binocular objective refraction only takes 3 seconds using Kaleidos. The measurement is fully automated and the accuracy of each examination is automatically checked by the device.



EyeRobo® is an A.I. based platform that runs on top patented hardware, combining the widest range of eye examinations and technologies in the market, with a unique high-density storage solution for data management and inter-connectivity, addressed to specialists of the eye-care, eye-fashion and data collection

Package Plus

The KALEIDOS PLUS, powered by EyeRobo®, is a combination between the standard KALEIDOS functions with the most innovative Package PLUS, which includes:

- Dedicated tablet
- EMR connection through shared folder. Input data and retrieve result for the highest connectivity level
- New and unique CR-App for the automated detection of phorias and tropias
- New and unique Anterior Segment Screening function, for the detachment of suspect abnormalities of the anterior segment

Technical Information

KALEIDOS

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| • Operating mode: Binocular/monocular | • User Interface: Android application for Wi-Fi tablets, providing remote control, live streaming, data management |
| • Refraction Measurement: Automatic | • Data Interface: Wi-Fi, internal microSD card |
| • Sphere range: ± 15 D | • Printer Interface: Wi-Fi and email printing |
| • Cylinder range: ± 5 D | • Tube Size: 180 x 26 x 14 cm |
| • Cylinder axis: $1^\circ - 180^\circ$, step 1° | • Metal Stand Size: 41 x 44 x 32 cm |
| • Pupil size: 4-11 mm, step 0.1 mm | • Max height operation system: 129 cm |
| • Pupil distance: Automatic detection, 30-120 mm, step 1 mm | • Net Weight: 3,8 kg |
| • Fixation target: Built-in | • Power: Rechargeable battery pack, 50 Wh |
| • Acoustic target: Built-in | • Battery Charge: AC/DC medical power supply 18V, 40 W |

KALEIDOS PLUS

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| • Tablet: Dedicated remote control | • EMR: Shared folder. Customizable |
| • CR-App: Tested up to >10 prismatic diopters | • A.I.: Binocular automatic Anterior Segment Screening function |
| • Data Management: Cloud-storage compatible system | • Connectivity: Bluetooth |



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