



KALEIDOS

Accuracy, Technology and Design  
All in one binocular refractometer and vision analyzer

# KALEIDOS, AN INNOVATIVE MARKETING TOOL FOR OPTICIANS



A look in the dark to see clearly: Kaleidos is the revolutionary binocular refractometer and Vision Analyzer that measures the refraction of both eyes and discovers other ocular impairments in three seconds.

It works perfectly as a marketing tool for eyewear stores thanks to its modern aspect and its advanced technology embedded in a forefront design.



Kaleidos spurs curiosity and looks very friendly to users, allowing a more natural and enjoyable measurement. Thanks to the eye-catching design, it captures the attention and summons to look inside even without knowing what its function is.



With just a three second look inside the tube, the device binocularly detects refractive errors such as myopia, hyperopia, astigmatism and other sight anomalies. Ergonomic, easy to carry and simple to use, Kaleidos is a portable darkroom for refraction, which can perform in any light condition.

Kaleidos is controlled by a tablet through a user-friendly application. The examination is fully automated and so easy to perform that it can be delegated to any collaborator; The outcome is a clear report that can be customize with your store's logo, discounts and much more!



# Technical Information

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



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