



SCREENING
MODE
AVAILABLE!



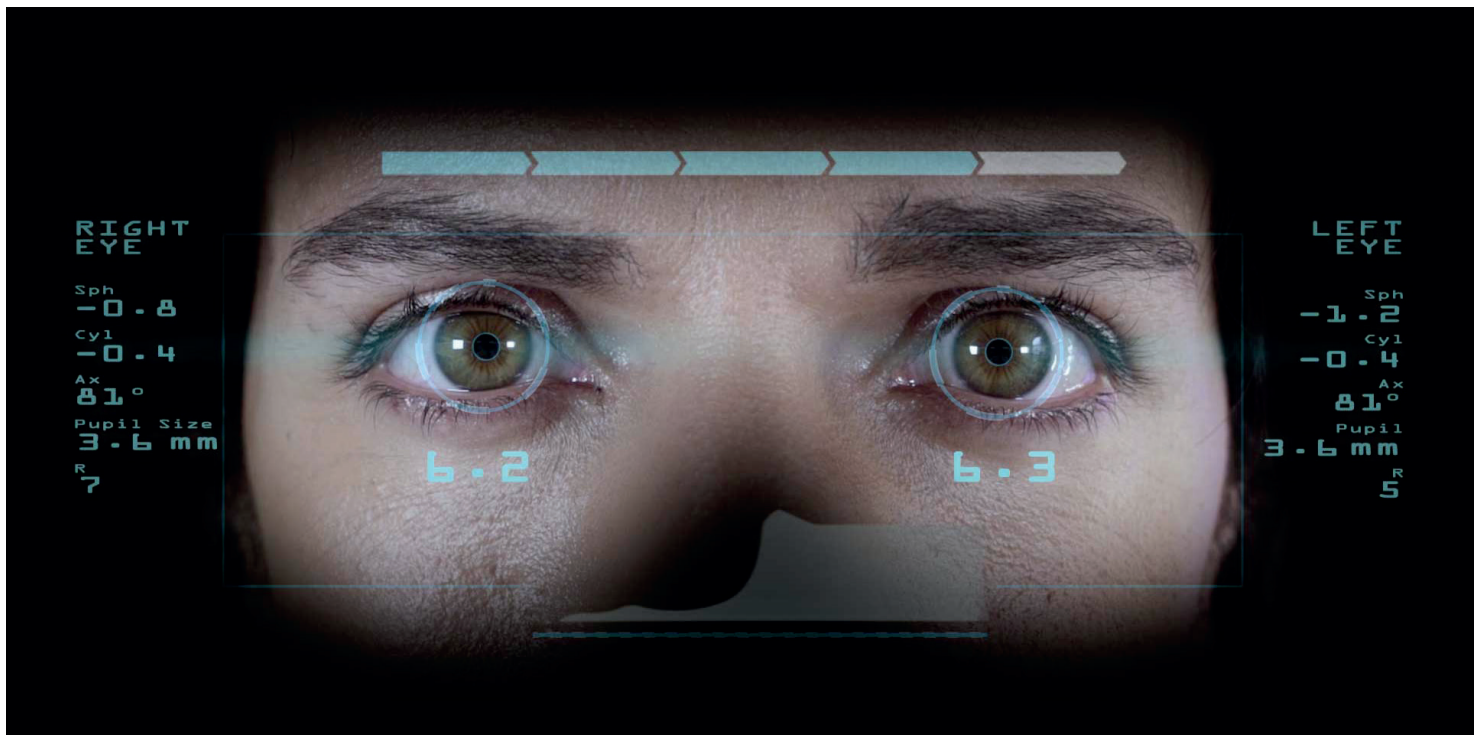
KALEIDOSplus
powered by eyeROBO®

The Next Generation of Vision Screening

The Revolution in the Eye Care System

Kaleidos Plus is an advanced vision analyzer that performs a complete screening of objective refraction, amblyogenic risk factors, and anterior segment anomalies in less than 10 seconds. The patient's eyes are analyzed at the same time in real life vision conditions, with no need for cycloplegic drugs.

As a highly efficient and cost-effective solution, Kaleidos Plus makes the quality health care services accessible to all. It combines the market's widest range of eye examination technologies with a unique, high-density storage system for seamless data management and interconnectivity.



Portable and light independent

Kaleidos Plus, thanks to a practical trolley suitcase, can be transported everywhere. The tube serves as a portable dark room that allows the examination in any environment and light condition.

Corneal Reflexes Analysis

Thanks to the analysis of corneal reflexes, Kaleidos Plus can help your daily work by automating the detection of ocular misalignments. The CR-App is a feature already integrated in the system: it compares the position of the corneal reflexes in three different measurements (the first binocular, the second and the third monocular under an infrared occluder), giving a documented information of phorias and tropias (horizontal and vertical).



Kaleidos App

Kaleidos Plus includes a dedicated tablet that syncs effortlessly with the intuitive Kaleidos App. This integrated system allows for efficient data management, making it easy to store and share results with colleagues, collaborators and patients.

The highest connectivity levels

Kaleidos Plus provides also EMR integration through shared folder, which allows to input patient data from your EMR System directly to Kaleidos Plus. Once the measurement is completed, the exam data and exam report are automatically synchronized with your EMR System.



Screen anywhere in the world

While early examinations are essential to detect vision problems, individuals in isolated areas face the greatest challenges in accessing care. To bridge this gap, the Kaleidos app features an integrated Screening Mode fully optimized for large-scale testing. This allows operators to easily manage data, streamline storage and share results, transforming complex screenings into a fast, seamless and highly efficient process.



Anterior Segment Screening

A powerful solution for immediate screening insight, the Anterior Segment Screening function provides a comprehensive, cloud-based approach to detecting anomalies in the anterior segment of the eye. This advanced system utilizes a specialized Convolutional Neural Network trained on thousands of pupil profiles. Right after measurement, pupil images captured by Kaleidos Plus are instantly uploaded to the cloud for real-time analysis. If an anomaly is identified, the system flags a warning to the operator, specifying whether the concern lies in the right, left or both eyes.

Technical Information

• Model Name: 2WIN-S Plus	• Commercial Name: Kaleidos Plus
• Operating Mode: Automatic, binocular / monocular	• Connectivity: Bluetooth
• Remote Control: Dedicated tablet	• User Interface: Android application for tablets, providing remote control, live streaming, data management
• Anterior Segment Screening: Automatic	• Data Interface: Bluetooth, Wi-Fi, internal microSD card
• Corneal Reflexes: Detection of strabismus (phorias and tropias) up to 30 prism diopters	• Printer Interface: Through the remote console (Wi-Fi, Bluetooth, email)
• Sphere Range: ± 15 D; in the range ± 7 D, step 0.25 D from ± 7 D to ± 15 D, step 0.50 D	• EMR Integration: Shared folder, customizable
• Cylinder Range: ± 5 D, step 0.25 D	• Data Management: Cloud-storage compatible system
• Cylinder Axis: 1° – 180° , step 1°	• Tube Size: 119 x 23 x 15 cm
• Pupil Size: Automatic detection, 4–11 mm, step 0.1 mm	• Metal Stand Size: 45 x 32 x 21,5 cm
• Pupil Distance: Automatic detection, 30–120 mm, step 0.1 mm	• Max Height Operation System: 130 cm
• Fixation Target: Built-in	• Weight: 5,5 kg
• Acoustic Target: Built-in	• Power: Rechargeable battery pack, 50 Wh
• Hygienical Disposable Masks: Included	• Battery Charge: AC/DC medical power supply 18V, 40W



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