

The highest connectivity levels

Thanks to its direct connection to Adaptica Cloud, Kaleidos Plus allows to collect, store and process unlimited amounts of data.

Kaleidos Plus provides also EMR integration through shared folder. The shared folder 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.



Kaleidos App

Kaleidos Plus communicates with a tablet through the intuitive Kaleidos App, which can be used to store and share data with collaborators, colleagues and patients. It is possible to perform screening programs of large population through the Screening Mode. This innovative tool is specifically created for making the performance of mass screening tests faster and easier.



Technical Information

• Model Name: 2WIN-S Plus	• Commercial Name: Kaleidos Plus
• Operating Mode: Binocular / Monocular	• Connectivity: Bluetooth
• Refraction Measurement: Automatic	• User Interface: Android application providing remote control, live streaming, data management
• Anterior Segment Screening: A.I. based, automatic	• Data Interface: Bluetooth, Wi-Fi, internal microSD card
• Corneal Reflexes: Detection of 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 v	• Data Management: Cloud-storage compatible system
• Cylinder Axis: 1° – 180° , step 1°	• Tube Size: 119 x 23 x 15 cm
• Pupil Size: 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
• Remote Control: Dedicated Remote Console	• Battery Charge: AC/DC medical power supply 18V, 40W
• Measurement: Patient - Operator distance > 1 m	• Hygienical Disposable Masks: Included



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SCREENING
MODE
AVAILABLE!



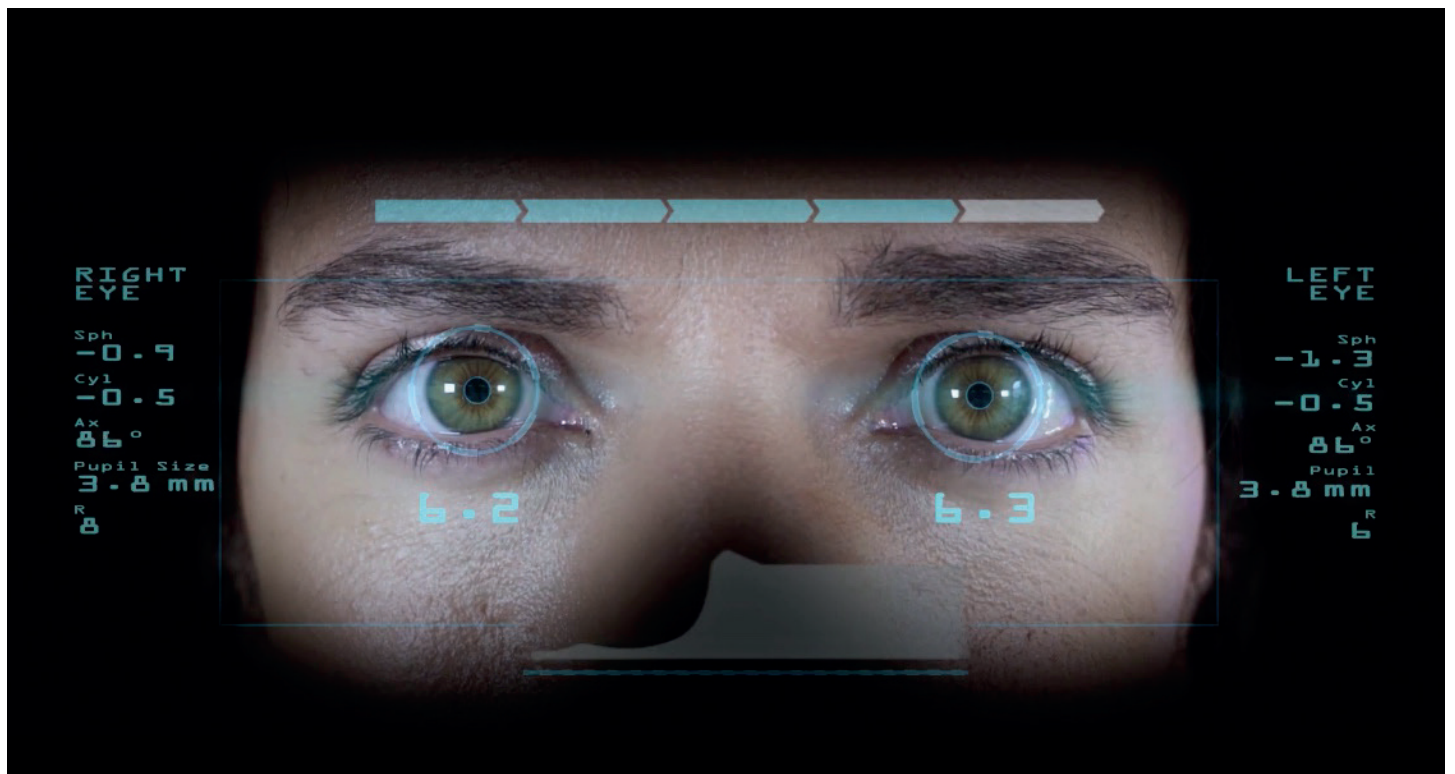
KALEIDOS_{plus}
powered by eyeROBO®

The A.I. based Vision Screener

The A.I. Revolution in the Eye Care System

2WIN-S plus, powered by the innovative EyeROBO® A.I. based platform, is the best solution to perform exams in a more efficient and costs effective way, making the highest quality health care services accessible to all.

EyeROBO® combines 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.





Fast and Multifunctional

Kaleidos Plus is the Vision Analyzer that makes a complete measurement of Objective Refraction, Amblyogenic Factors' Screening and Anterior Segment Anomalies Screening in just 3 seconds. The patient's eyes are analyzed at the same time in real life vision conditions, with no need of cycloplegic drops.

Thanks to its special Corneal Reflexes function, Kaleidos Plus is able also to detect possible phorias and tropias.

The speed of operation and the variety of detected parameters make Kaleidos Plus the best solution to collect the highest number of information on the patient's eyes reducing the examination time.

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.



New Screening Mode on Kaleidos App is now available

Kaleidos communicates with a tablet through the intuitive Kaleidos App, an user friendly application that can be used to store and share data with collaborators, colleagues and patients. With the latest update of Kaleidos App, the new Screening Mode is available. This update expands the software's modes, allowing mass screening tests to be performed quickly, efficiently and rapidly.

The essential device for mass screening tests

We are dedicated to make unique devices most suitable for Vision Screening of pre and early school kids. Eye examinations are essential to detect vision problems, and children may have difficulty expressing their inability to see properly. By detecting early vision problems, an appropriate remedy for students can be taken. Through an intuitive and easy-to-use interface, it will be possible for operators to perform consecutive examinations faster and more efficiently.



Anterior Segment Screening

Anterior Segment Screening function is a complete A.I. system on the cloud for anomalies in the anterior segment of the eye. The A.I. algorithm running on the EyeROBO® platform is based on a Convolutional Neural Network and it has been trained on thousands of pupils. The pupils' images acquired by Kaleidos Plus during the measurement are instantly processed by the EyeROBO® platform and, if any anomaly of the anterior segment is detected, a warning is given to the operator with the indication of the eye, if right and/or left.