



# KALEIDOS

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First and unique light independent Vision Analyzer

# Introduction



KALEIDOS is a binocular mobile vision analyzer that measures the refraction of both eyes at the same time.

**Fields of Application:**

- Ophthalmology
- Optometry
- NGOs

**Areas of excellence:**

- Refractive Errors
- Sight Anomalies
- Pupil Parameters

# Introduction



## Main Benefits:

- Objective Refraction, no pupil dilatation needed
- Monocular and Binocular measurement
- Perfect in any light conditions
- Easy to use
- Fast and fully automated
- No need for a skilled operator

## Specifications:

- Sphere range:  $\pm 15$  D, step 0.25 D
- Cylinder range:  $\pm 5$  D, step 0.25 D
- Cylinder axis:  $1^\circ - 180^\circ$ , step  $1^\circ$
- Pupil distance: Automatic detection

# Ophthalmology/Optomety/NGOs



## Why KALEIDOS?

- Portable & Trasportable
- Durable and Sturdy
- Fast and Accurate
- Integrated Refraction System
- No need of a skilled operator
- Attractive design
- Reduced exam time
- Save space
- Suitable for Kids
- Long-lasting batteries lives
- Perfect for Screening programs
- Light independent



# Tablet controlled

KALEIDOS is remotely controlled by a tablet using a Bluetooth connection

Tablet specifications:

- Android 8.0, 8.1, 9.0, 10, 11, 12, 13
- Screen Size: 10 inches
- Bluetooth: 2.0 Low Energy
- Processor: ARMv7

These are recommended tablet models which were intensively tested with KALEIDOS App:

- Huawei MediaPad T5
- Samsung Tab A6
- Lenovo Tab M10 2nd and 3rd Gen
- Lenovo Tab M10 HD
- Lenovo Tab M10 Plus 3rd and 4th Gen



# Thank you!

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