



esa**vision**

T E C H N O L O G Y

*Il tuo partner per la strumentazione oftalmica
Assistenza, vendita, formazione*



Binocular Visual Analyzer



KALEIDOS

In just a few seconds...

The most reliable device to detect refractive errors and vision problems. The exam will be performed in a natural, fun and independent way.

Kaleidos is a fully automated binocular refractometer and vision analyzer that measures both eyes at the same time. Within seconds it captures a reading regardless of the surrounding light without any human intervention. It incorporates the best and most complete technologies to fully detect refractive errors in the range of $\pm 15D$, visual abnormalities.

The Kaleidos Main Applications

- ① Binocular refraction measurement in natural light conditions
- ② Refractive errors: myopia, hyperopia, astigmatism and other amblyogenic factors
- ③ Early detection and documentation of multiple amblyogenic factors
- ④ Capable of un-aided binocular refractions
- ⑤ Detects visual anomalies related to anisometropia, anisocoria, strabismus, and phorias
- ⑥ Pupil parameters: pupil size, pupil distance and head tilt
- ⑦ Able to obtain a refraction with different pupil size
- ⑧ Measurement of dynamic pupils response to programmable light stimulations

Technical Specifications

Operating mode: Binocular/monocular	Data Interface: Wi-Fi, internal microSD card
Refraction Measurement: Automatic	Printer Interface: Wi-Fi and email to print
Sphere range: ± 15 D precision 0.25 D	User Interface: Android application for Wi-Fi smartphones and pads, providing remote control, live streaming, data management
Cylinder range: ± 5 D, precision 0.25 D	Power: Rechargeable battery 20000 mAh, microUSB, input 5V/2A
Cylinder axis: $1^\circ - 180^\circ$, step 1°	Tube Size(mm): 115x22x12
Pupil size: Automatic detection, 4-7 mm, step 0.1 mm	Metal Stand Size(mm): 63 x 44 x 32
Pupil distance: Automatic detection, 30-120 mm, step 1 mm	Max height operation system: 149 mm
Fixation target: Built-in	Net Weight: 5.5 kg (195 oz)
Acoustic target: Built-in	

The Kaleidos Main Benefits

- 1 Due to its automated functions, it is easy to use
- Its measuring is extremely fast accurate and consistent
- Functions independently of light conditions
- Measures automatically
- Captures a measurement within seconds
- Extremely long battery life
- The system operates using an application on an android tablet or smartphone.



The perfect start to define the eyes necessary correction needed!



Distribuito da:
ESAVISION Technology S.r.l. - Corso Milano 110 A - 37138 Verona Tel: +39 045 835 2451
 Fax: +39 045 834 2773 - E-mail: info@esavision.it - www.esavision.it - P.I. 0390390 023 5