



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



Binocular Visual Analyzer



In just a few seconds...

The most reliable device to detect refractive errors and vision problems. The exam will to 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 +/-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 dgnamic 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° - 180°, 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	

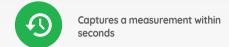
The Kaleidos Main Benefits



















The perfect start to define the eyes necessary correction needed!

