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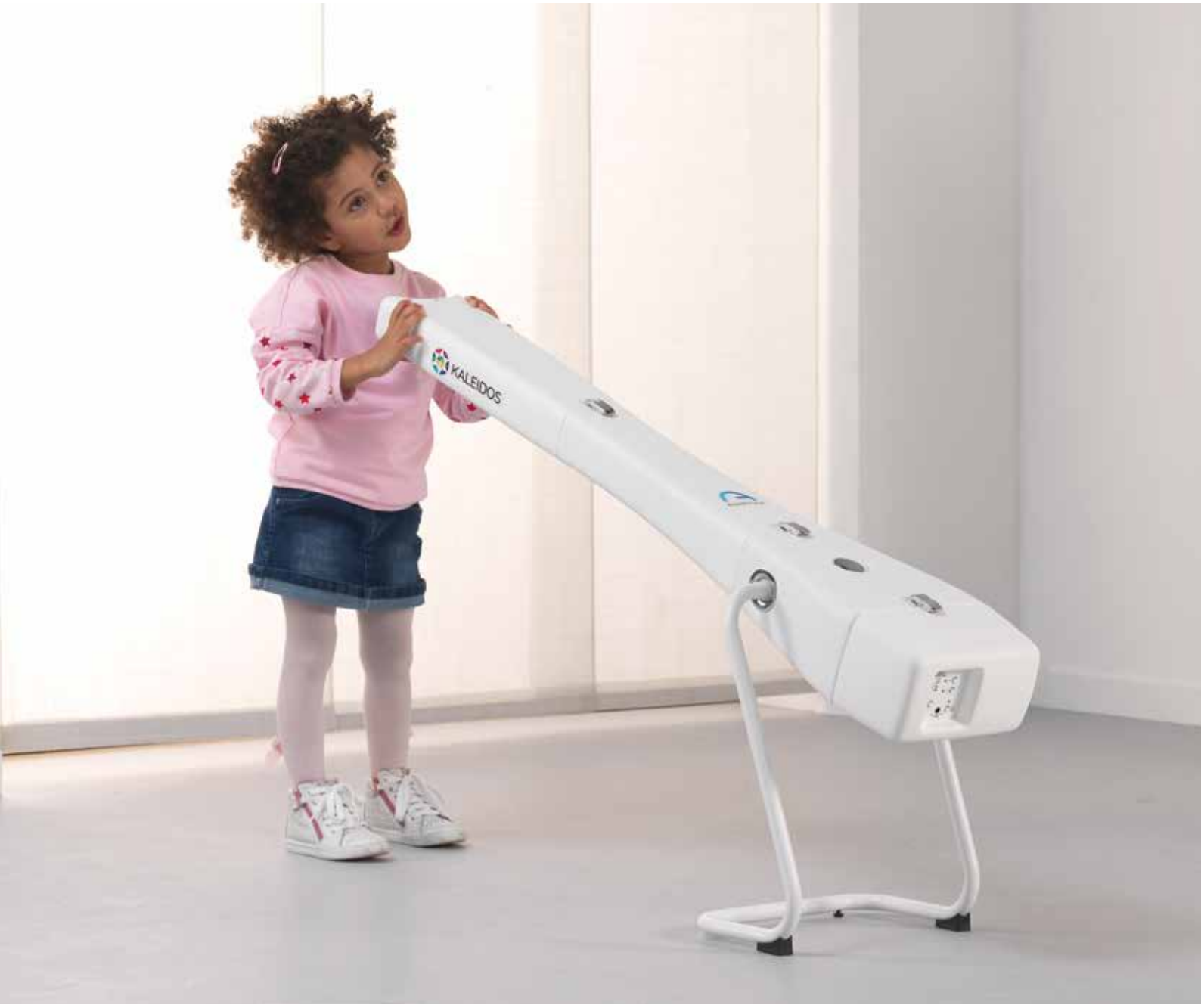
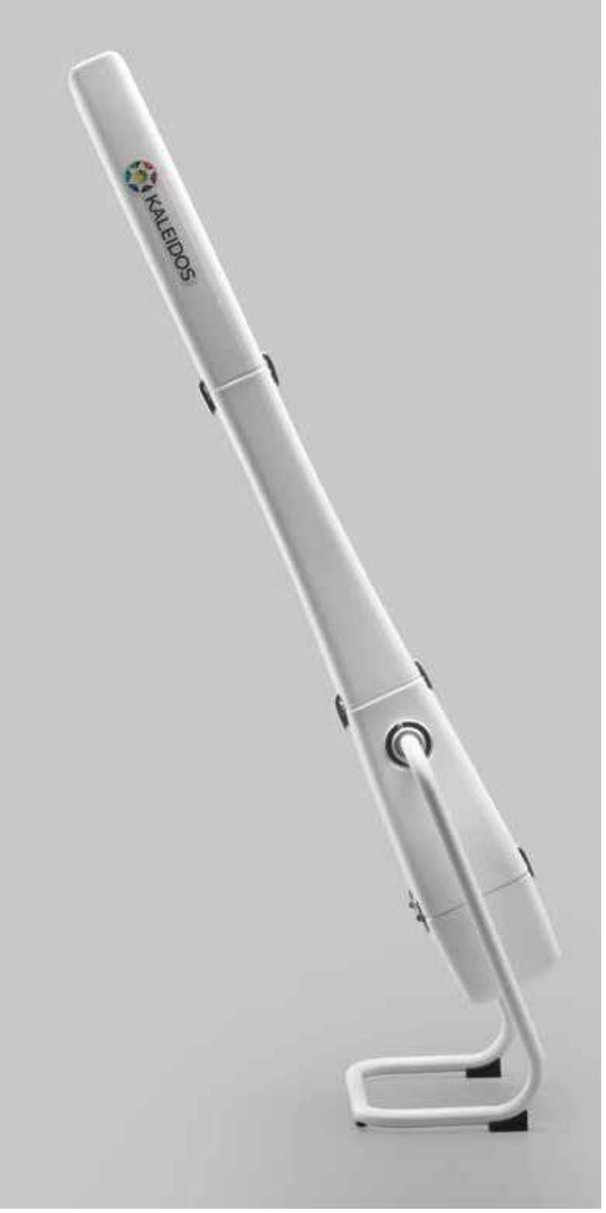


KALEIDOS

First and unique light independent Vision Analyzer

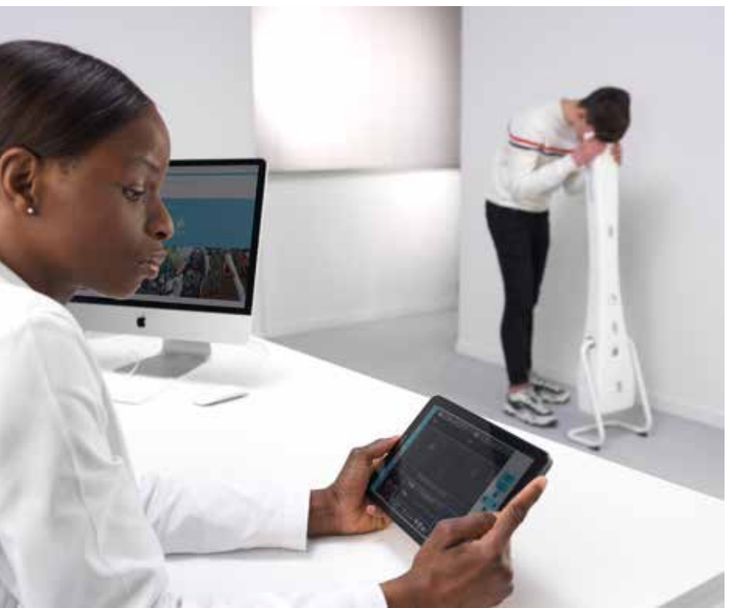


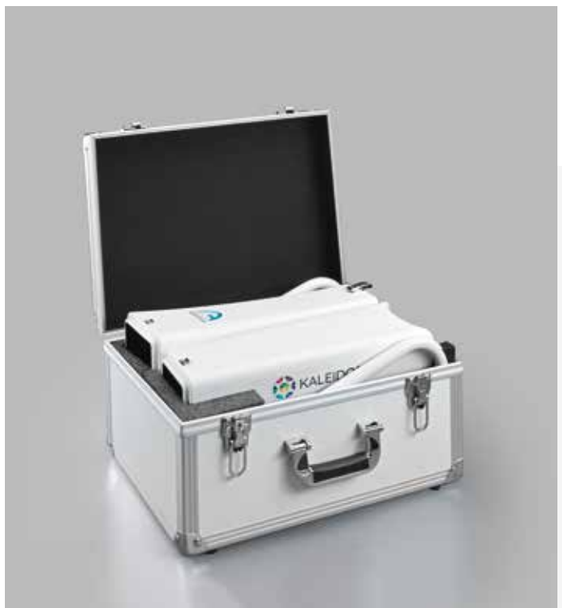
Binocular objective refractometer

Kaleidos detects refractive errors such as myopia, hyperopia, astigmatism and other sight anomalies. This procedure is performed binocularly, in real life vision conditions.

Portable and light independent

Kaleidos, thanks to a small and practical suitcase, can be transported everywhere. The device serves as a portable dark room that allows refractive examination in any environment and light condition.





Fast and accurate

Binocular objective refraction only takes 3 seconds using Kaleidos. The measurement is fully automated and the accuracy of each examination is automatically checked by the device.

Un-aided refraction

Kaleidos is controlled via tablet through a user-friendly application. The device allows to delegate measurements to your collaborator and it gives its top performance in screening programs of large populations.

“

Kaleidos refractometer allows simultaneous evaluation of refraction and binocular cooperation of subjects in natural (without cycloplegia) and not dissociating conditions, as opposite to autorefractometers, which only work monocularly.
Kaleidos is an indispensable device for amblyogenic risk factors screening (refractive errors, dioptric means opacity, strabismus), especially in pre-scholar children.

~ Dr. Mario Angi (Ophthalmologist)

Technical Information

• **Operating mode:** Binocular/monocular	• **User Interface:** Android application for Wi-Fi tablets, providing remote control, live streaming, data management
• **Refraction Measurement:** Automatic	• **Data Interface:** Wi-Fi, internal microSD card
• **Sphere range:** ±15 D	• **Printer Interface:** Wi-Fi and email printing
• **Cylinder range:** ±5 D	• **Tube Size:** 180 x 26 x 14 cm
• **Cylinder axis:** 1° – 180°, step 1°	• **Metal Stand Size:** 41 x 44 x 32 cm
• **Pupil size:** 4-11 mm, step 0.1 mm	• **Max height operation system:** 129 cm
• **Pupil distance:** Automatic detection, 30-120 mm, step 1 mm	• **Net Weight:** 3,8 kg
• **Fixation target:** Built-in	• **Power:** Rechargable battery pack, 50 Wh
• **Acoustic target:** Built-in	• **Battery Charge:** AC/DC medical power supply 18V, 40 W

ADAPTICA

Adaptica S.r.l.
Via San Marco, 9/H
35129 Padova, Italy

Ph. +39 049 773 968
Fax +39 049 097 0901
www.adaptica.com
contact@adaptica.com

Rev. 0.3 - 2019 EN