



BINOCULAR HANDHELD REFRACTOMETER AND VISION ANALYZER



> KEY FEATURES

- > Binocular refraction
- > Pupil diameter
- > Check of lens correction
- > Operates at 1 m
- > Fully automated and easy to use

- > 7 sec exam time (included 2 sec measurement time)
- > Hand held and light weight
- > Battery operated
- > No drops required and non invasive
- > Connect to IR printer



> APPLICATIONS

- > Measures **refractive errors** (myopia, hyperopia, astigmatism), **pupil parameters** (pupil size, pupil distance) **sight anomalies** (anisometropia, anisocoria, strabismus, phoria)
- > Enables large-scale, very low-cost **screening programs** of the visual function
- > Provides check of **lens correction in binocular mode**
- > Is the ideal instrument for **optometrist, (paediatric) ophthalmologists, pediatricians, primary care physicians, working medicine and Emergency Services**

COMPLETE AND OBJECTIVE
ASSESSMENT OF THE VISUAL
FUNCTION.

EARLY DETECTION OF
REFRACTIVE ERRORS.

IDEAL WITH

INFANTS, CHILDREN AND
NON-COOPERATIVE PATIENTS.

MEASURES REFRACTION AND
CORRECTION IN NATURAL
VISION CONDITIONS.

POINT AND SHOOT



> SPECIFICATIONS

- > **Operating mode:** binocular/monocular
- > **Refraction Measurement:** Automatic
- > **Sphere range:** +5, -5 D, res. 0.25 D
- > **Cylinder range:** +5, -5 D, res. 0.25 D
- > **Cylinder axis:** 0° - 180°, res. 1°
- > **Pupil size:** Automatic detection, 4-7 mm, res. 0.1 mm
- > **Pupil distance:** Automatic detection, 45-90 mm, res. 1 mm
- > **Fixation target:** Built-in
- > **Acoustic target:** Built-in
- > **Working distance:** 1 m
- > **Data Interface:** Wi-Fi, USB, microSD card
- > **Printer interface:** USB, Infrared
- > **Power:** rechargeable battery
- > **Battery charger:** 110-240 Vac, 0.5A
- > **Size:** 162x115x85mm {6.3"x4"x3"}
- > **Display:** 3.5"
- > **Weight:** 840 g (30 oz)
- > **Optional accessory:** portable wireless printer, supplementary battery

For further information please visit

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