



Handheld Auto Refractometer **easyRef Lite**

Powered by
wavefront
technology

EASY, FAST ACCURATE REFRACTION

Easy refraction screening solution for anyone, anywhere, anytime

- Anyone

Refracts babies, children, and adults, even wearing glasses or contact lenses
- Anywhere

No dark room required, the easyRef works in normal light conditions
- Anytime

Perform measurements on both eye within only seconds

The **easyRef Lite** is an innovative **wavefront refractometer** that precisely measures refractive errors of patients from 6 months old through adults within just seconds.

The device is designed and engineered to be handy and user-friendly with simple one-button operation. With the short working distance, the device is extremely easy-to-focus.

APPLICATIONS

The easyRef Lite detects the following vision disorders:

- Myopia (nearsightedness)

• Hyperopia (farsightedness)
- Astigmatism (blurred vision)

• Anisometropia (unequal refractive power)



“ WHAT CAN I DO WITH THE EASYREF LITE? ”



For Mass Screening Events

With the easyRef Lite, you can screen 100 patients within 20 minutes. And it weighs only 0.36kg, making it highly comfortable for mass vision screening.



For Primary Care

The easyRef Lite is a cost-effective, essential vision screening tool for general practitioners (GPs) and ophthalmologists. The portability of the device allows you to bring it for home-visits.



For Optical Shop

With the portable easyRef Lite, now you can reach more patients outside of your office, or use it in some promotion events such as an optical fair, or free vision screening marketing campaign.



ACCURACY

- Incorporates a wavefront sensor based on the principle of Shack-Hartmann wavefront analyzer
- Automatically averages 20 measurements to improve result accuracy
- Open-view design to reduce instrument-induced myopia

EASY OPERATION THAT YOU CAN MASTER WITHIN SECONDS!

It requires minimal training for the operator and minimal coordination from the patient.



Step 1

Simply put the device against the forehead



Step 2

Center the cross on the pupil, then press “capture” button



Step 3

Save, print or share the report

Open-view
design



SPECIFICATIONS

Sphere range	-10.0D ~ +10.0D, step 0.25D
Cylinder range	-5.0D ~ +5.0D, step 0.25D
Axis of astigmatism range	1° ~ 180°, 1°
Data acquisition time	<1s / eye
Operating system	Windows 7/8/10
Net weight	360g

Specification subject to change without notice

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