

**M**OPTIM<sup>®</sup>



**Primary Eye Care Solution**

**iRef<sup>®</sup>**

# iRef®



## A NOVEL TOOL FOR PRIMARY EYE CARE

Blindness due to refractive error is a substantial public health problem in many parts of the world, where qualified personnels and infrastructure for eye care are not sufficient.

The iRef® provides a quick and convenient solution for primary eye care. Designed for first evaluation of refractive error, it can be used in any place: communities, schools, optical stores, and any other places where it is necessary to make a vision screening.

## Features



### Refractive Error Estimation

Estimate the overall refractive power of the eye, in order to understand the development of refractive error.

### Astigmatism Screening

Screening of astigmatism with the built-in dials.

### Far Vision Estimation

Evaluate the clarity of vision when measured at a distance of 5 meters.



### Innovative Design

The integration of creativity and technology helps to make refractive error screening instantly learnable and intuitive. Design of the iRef® is patented since 2013<sup>[1]</sup>.



### Quick and Easy-to-use

Simply look into the device and rotate the dial, until the small eye chart comes into focus. The number on the screen indicates the strength of glasses the user needs.



### Portable

The compact design and light weight makes the iRef® extremely portable. It can be carried anywhere by anyone, ready to be used at any moment of the day.



Eyecare Q



## Applications



Primary eye exam



Myopia management



Screening event



Post-operative evaluation

# SPECIFICATIONS

**Spherical Equivalent Range** -12.0D ~ +6.0D (in steps of 0.25D)

**Visual Acuity Range** LogMAR from -0.4 to 0.5

**Dimension** 177 mm x 63 mm x 47 mm

**Weight** 195 g

**Power Supply** 3 x AAA batteries

Specifications are subject to change due to product improvement.

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