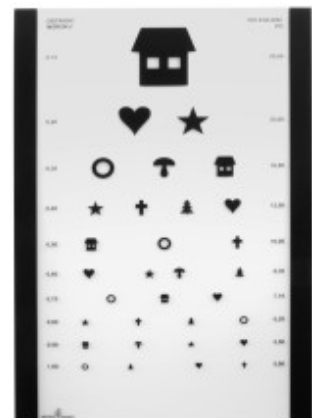


Product short description:

OKO is an electronic, illuminated eye chart for visual acuity testing. The board's operation is controlled wirelessly using a small infrared remote control.





Product description:

OKO - Eye chart

The OKO ophthalmoscope board is an electronic, backlit ophthalmic chart designed for professional visual acuity testing and evaluation. It is wirelessly controlled via an infrared remote control, ensuring ease of use and precision.

Features:

- High-quality materials for durability and reliability
- Optimal brightness and backlighting time with LED technology
- Easy and intuitive operation
- Built-in mechanism for quick optotype replacement
- Tested and approved by Meden-Inmed

Snellen OKO eye chart with remote control

The remote control features six buttons that allow for the following functions:

- Optotype activation
- Highlighting an entire row of characters
- Highlighting a selected character
- Selecting the type of highlighting
- Changing the operation mode (row/character selection)
- Blanking the optotype

Selection of cursor movement direction

Automatic deactivation of backlighting after 5 minutes of inactivity

Available Optotypes (One optotype is included with the board at the time of purchase)

Digit optotype (CN)

Letters optotype (LN)

Hands optotype (DN)

Children's Picture Optotype (ON)

Snellen's Hooks Optotype (HN)

Digit optotype (CN)

x

Letters optotype (LN)

x

Hands optotype (DN)

x

Pictures for children optotype (ON)

x

Snellen's hooks optotype (HN)

x

Learn more about OKO eye chart

What is an eye chart and what is it used for?

An eye chart is a diagnostic tool used by ophthalmologists and optometrists to assess visual acuity.

There are two main types of eye charts:

Electronic eye charts, which offer backlighting and remote control functionality for precise and convenient testing.

Standard paper charts, which display various letters, numbers, or symbols in different sizes to evaluate vision clarity.

How does an eye exam with the use of an eye chart work?

During an eye test, the patient is asked to read or recognize symbols on the chart from a specific distance. This process helps the ophthalmologist assess the patient's ability to identify letters, numbers, or symbols of varying sizes.

The test result is expressed as a visual acuity coefficient, which determines the clarity of vision and helps identify potential vision impairments.

For what purpose are eye charts used?

Eye charts are used in a variety of contexts, including during standard eye examinations, during vision screening, and to monitor the progress of treatment or correction of vision problems with eyeglasses or contact lenses. The best known ophthalmic chart is the Snellen chart, but there are many other variations, including children's charts, "E" shaped charts (Snellen hooks), and charts with symbols for patients who do not know the alphabet.

Hermann Snellen

Hermann Snellen, a Dutch ophthalmologist, introduced his eye test in 1862, and his method is still widely used today. He designed special vision test charts featuring optotypes of varying sizes to assess visual acuity at a specific distance. Acuity is measured by the ratio of the distance from which the patient can see the optotype to the distance from which it should be visible.

It is also worth noting that the Snellen test was introduced 10 years before optometrist Ferdinand Monoyer developed the concept of diopters.

Interestingly, the optotypes designed by Snellen are commonly used on road signs, advertisements, and outdoor signage, where the size of the symbols is adjusted to ensure readability from a designated distance. This simple yet effective approach continues to play a crucial role in vision assessment.

What is the difference between the classic eye chart and the modern OKO eye chart from Meden-Inmed?

While the classic eye chart features standard letters, numbers, or symbols in various sizes and levels of detail, the OKO eye chart offers a wider variety of optotypes and enables quick optotype changes. This flexibility is particularly beneficial for examinations involving different age groups or specific patient needs. Additionally, the Meden-Inmed eye chart is equipped with a modern light source using light-emitting diodes (LEDs), enhancing visibility and ensuring optimal illumination during testing.

Technical data:

Dimensions:	560 x 395 x 60 mm
Optimal test distance:	5 m
Light source:	light-emitting diodes (LEDs)

Remote control included:	Yes
Weight:	6 kg
Power supply:	230 V, cable length 3m
Warranty:	24 months

Video presentation:

Product codes:

Reference: 01-OKO-0101-005

EAN13: -

UPC: -

Product features:

Product attributes: