

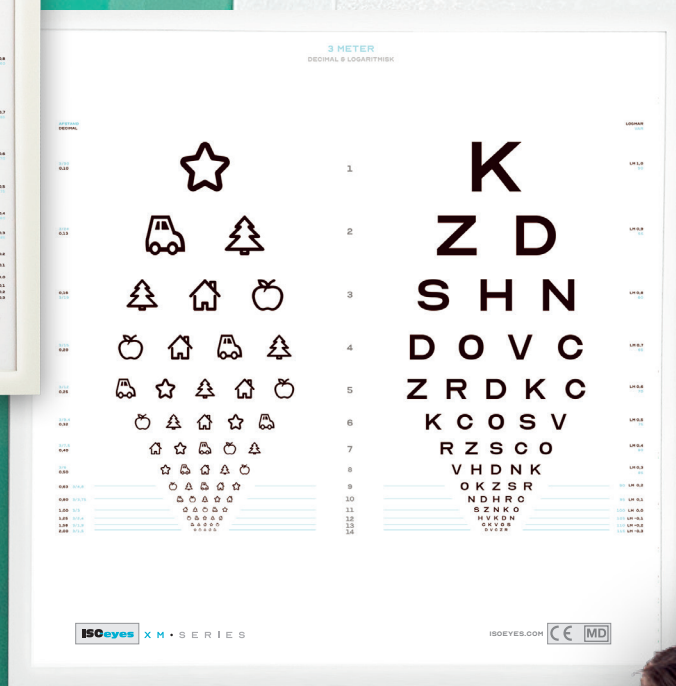
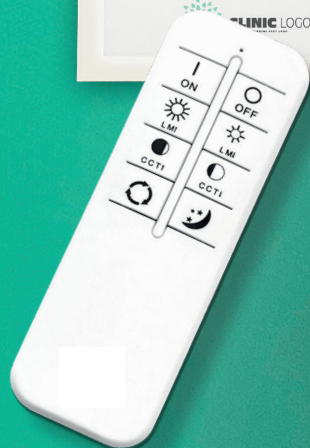


# LOGMAR EYE CHARTS

ISOeyes • DENMARK



ISO 8596-2018-2020 Compliant

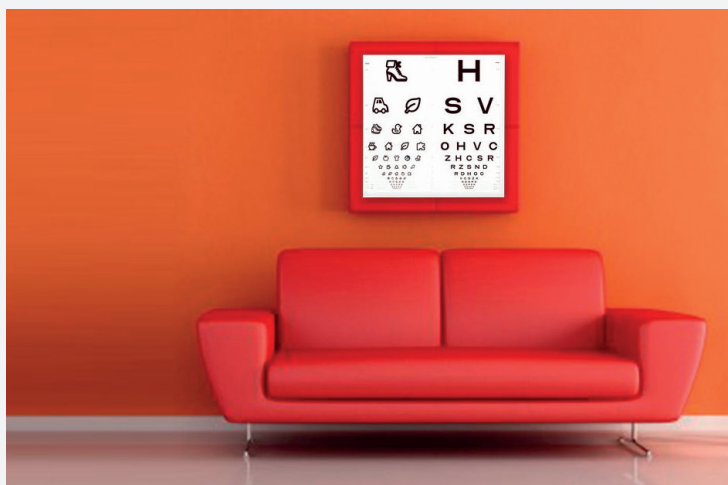


**ISOeyes**

Developed by Danish  
ISOeyes in cooperation with  
Danish doctors.



## LOGMAR LED EYE CHARTS



**Eye Charts in style - Choose your frame design:  
a unique color or wooden frame.**

## New logarithmic scale

- with continued support for decimal fraction.

Whichever Chart you choose, we have carefully adapted them to the health authorities' recommendations on the use of logarithmic scales - and to your distance requirements.

At the same time, we have retained the option of still using the well-known decimal fraction scale for the time being. You may therefore be able to postpone the switch to a logarithmic scale until it becomes a definite requirement from the health authorities.

## Standardized and weighted vision measurement

Since there is a difference in how easy it is for the human eye to distinguish between letters with / without serifs, as well as between letters and figures (optotypes), the optotypes in the new Eye Charts are carefully weighted in size to compensate for varying degrees of difficulty. This ensures that the same Visual acuity rating (VAR) is obtained regardless of which chart you present the patient to. And results can now be compared across clinics.

## Choose among 8 OPTOTYPES

- for your single or Combo-chart.

**Developed by ISOeyes in collaboration with Danish doctors.**

**The Eye Charts are all CE / MDR approved and complies with ALL "golden standards", as well as new recommendations from the authorities - i.a. relating to. use of logarithmic scale.**

## Magnetic single / Combo Charts

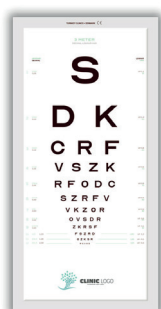
The magnetic Snap-on Charts with optotypes can be delivered as single Charts or combi-Charts.

If a single Chart is selected - 2 magnetic Charts are supplied (eg 1 child and 1 adult)  
When choosing a combination Chart, you choose the 2 magnetic optotype Charts that must be included on the combination Chart.

Additional Charts with other optotypes can be purchased.



**Stop having to convert. The Eye Chart is configured to YOUR desired viewing distance as well as the physical limitations of the clinic room.**



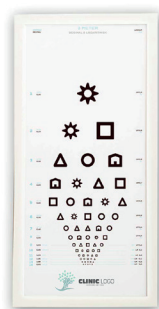
Optician



Eyekey



Naturel



Wekey



Wenison



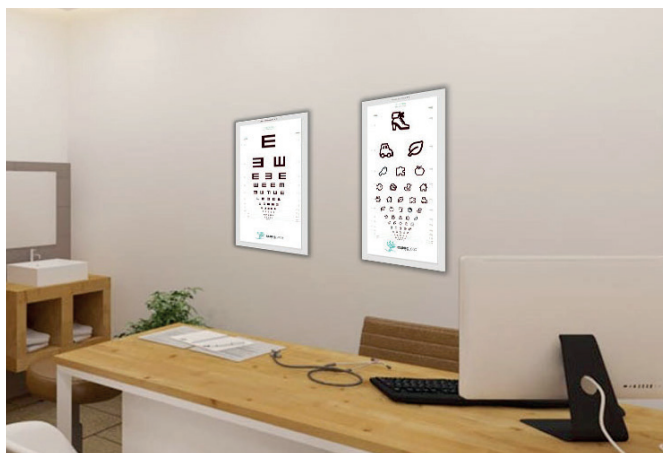


## FACTS & ADVANTAGES

- Switching between Eye Chart fronts is done in a few seconds with magnetic solution.
- Even linear power-saving lighting, min 25,000 hours
- Possibility to regulate the brightness / lumen with remote control for optimal vision test environment.
- Possibility of changing light color in red / green test.(applies only to the 30x60 panel.)
- Cable and wall sockets for power can be hidden behind the panel. Total depth 5.5 cm.
- Easy to mount on wall and plaster wall. Screws and plugs included...

## 4 panel sizes with custom viewing distance.

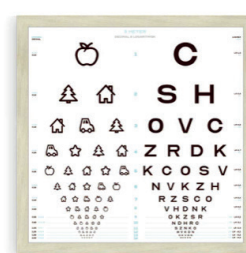
We produce to order and deliver in 8-11 working days.  
Choose panels of 45x45 cm, 30x60 cm, 60x60 cm or 25x100 cm.



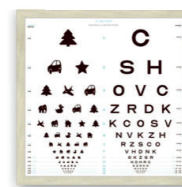
30x60 cm  
Supports Single charts



25x100 cm  
Supports double charts



60x60 cm  
Supports Single and double charts



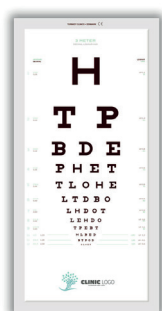
45x45 cm  
Supports double charts



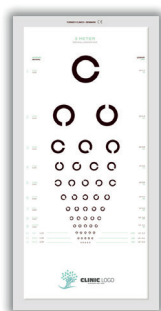
## TRUSTWORTHY MEASUREMENT

The charts are all correctly weighted across optotypes (letters and shapes). Inaccurate value conversion between feet and meters has been replaced by precise measurements.

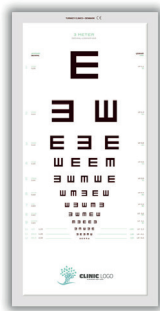
This ensures trustworthy vision measurements.



Snellen - optimized



Landolt C



Thumbling E



# WHY REPLACE YOUR CURRENT CHART?

## What's wrong with the "Old Eye Chart box"?



■ The measuring units of the chart are not adapted to the distance requirements of the clinic room and the doctor must therefore often convert. This creates a risk of conversion errors when using charts that are designed for 3 or 6 meters, while in the room there is actually a distance of 4.5 meters from the patient to the chart.

■ the charts are not individually adapted to the individual doctor's preferences with regard to measurements. There is typically no indication of logMAR values or logarithmic structure, though already recommended by the health authorities. If LogMAR values are specified, this rarely happens in correct logarithmic jumps.

■ Most charts on the market are charts for both meters and feet. Conversion between feet and meters on the charts is only approximate.

■ The individual eye chart systems often offer only one or two types of optotype in the same size. If the clinic wants more options, or individual doctors have special preferences, they must therefore invest in different systems that can only be used poorly by other doctors, due to the different structure and user interfaces of the charts.

## Vision tests performed with old Charts are difficult to compare

■ The size and influence of the different optotypes and the influence on the vision test result are usually not included and weighted in the design of the vision chart.

■ The doctors' Charts and thus vision test results therefore differ from each other - e.g. due to inconsistent designs with varying optotypes with different weighted severity.

■ Number of characters per Line, line spacing, and spacing between characters and letters vary widely, and this has a major impact on the vision test results. Jumping between character and letter sizes line by line is arbitrary without evidence in good practice, "the golden standard" for designing vision test charts. It makes a real comparison of vision test results almost impossible.

■ The actual front of the vision chart can rarely be replaced. Furthermore, the chart often does not have a native signature explanation, and may lack the measuring units that the doctor is comfortable with.

■ If there are lights in the panel, operation takes place with a traditional on-off switch, and connection to electrical outlets can not take place behind the Chart and thus be hidden and "cordless". The bulb is often expensive, has a relatively short lifespan, does not light up evenly, is power-consuming and cannot be dimmed.

■ The panel is often more than twice as deep as the new one from Danish ISOeyes and therefore has limited placement options.

■ New LED panels from traditional suppliers solve some of the above problems, but far from all of them, and the panels are often quite expensive.



**ISOeyes**  
X M • S E R I E S

