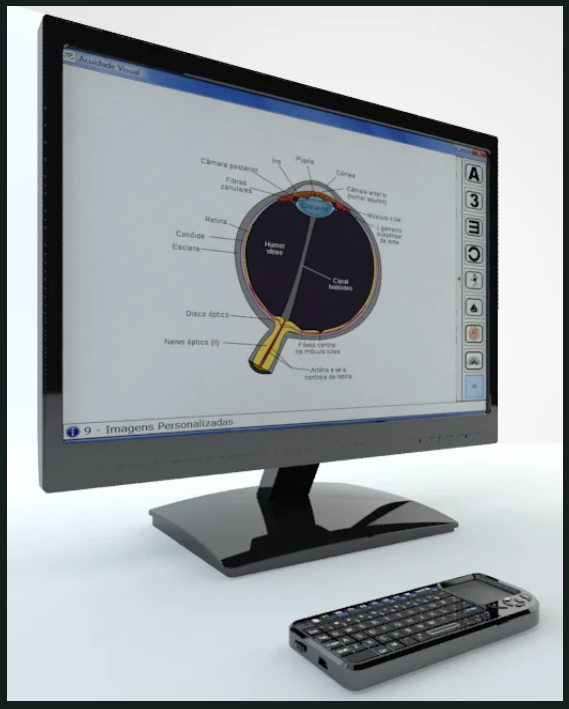
EVOptica

OPHTHALMIC INSTRUMENTS / ENGLISH EDITION

DonD

User Manual

TECHNICAL REVIEW EDITION



Full English translation of the supplied manual. Source inconsistencies are identified for technical review. This document is not a released clinical IFU for a new US configuration.

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About this English edition

This edition translates the supplied original instructions and updates the corporate identity and contact details to EVOptica. It does not change instrument operation, calibration values, treatment parameters or the documented software behavior.

TECHNICAL REVIEW EDITION - NOT A RELEASED CLINICAL IFU

The supplied originals contain unresolved configuration differences, malformed values and, in places, text apparently copied from other instruments. These differences have been identified without guessing a correction. Manufacturer engineering and clinical review is required before releasing instructions for a specific product configuration.

Navigation and original references

Source section numbers below refer to pages in the supplied original. The English layout has its own footer page numbers. The linked section list and PDF bookmarks navigate this edition; original figure, table and contents references retain their source context.

Screenshots and interface labels

Illustrations document the original software interface. Portuguese button labels are retained where needed and paired with English descriptions. This translation does not imply that the underlying software has been localized or that obsolete operating systems and network settings are a new configuration recommendation.

The full configuration and source-review notes appear after the translated instructions. Resolve those notes before releasing this document for a specific instrument configuration.

Linked source-section contents

1 / DonD User Manual
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4 / Product Components
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SOURCE SECTION 1

DonD User Manual

Digital Visual Acuity System

SOURCE SECTION 2

Contents

DonD - Visual Acuity Testing System 3; Product Components 4; Installation 5; Opening the DonD System 5; Configuration 6; Performing the Visual Acuity Test 9.

SOURCE SECTION 3

DonD - Visual Acuity Testing System

DonD is a visual acuity testing system that uses video monitors and/or televisions of different sizes, in spaces allowing tests at any distance. The examiner does not need a minimum, maximum, or standard distance for a successful examination. DonD software corrects and/or adjusts the sizes of the test images; only a few details, such as distance and screen size in inches, need to be entered.

Another advantage is that, as well as being easy to use, DonD allows a miniature standard QWERTY wireless keyboard (one is included), using shortcut keys common to most keyboards. Other systems use specific keyboards or remote controls that are not always easy to learn.

SOURCE SECTION 4

Product Components

The product consists of a Full HD monitor/TV and an attached fnacbox computer.

Illustrations - source section 4



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 5

A miniature wireless keyboard and software already installed on the computer are also included.

Installation

The system is already installed on the supplied computer. If data is lost, it can be reinstalled using an installer available on request from EVOptica. To install DonD®, simply run the supplied installer.

Opening the DonD System

If the system is installed, open the DonD application using either of these methods: Start menu - All Programs - DonD - DonD;

Illustrations - source section 5





SOURCE SECTION 6

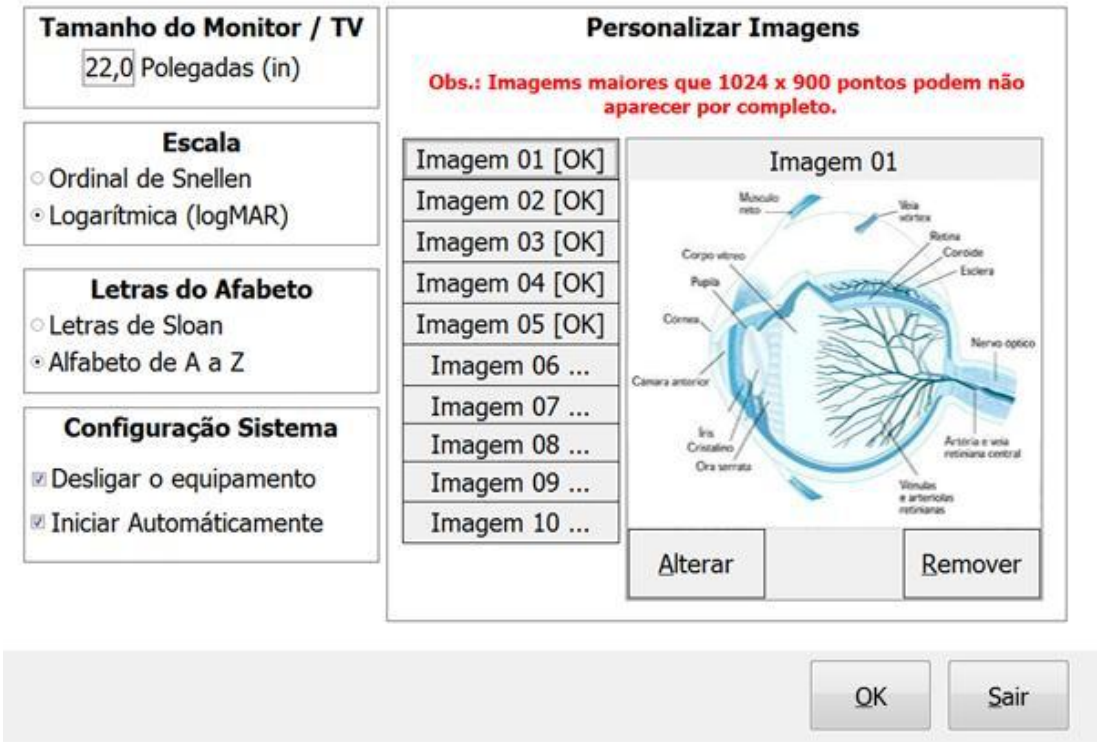
or use the DonD icon on the Windows desktop.

Configuration

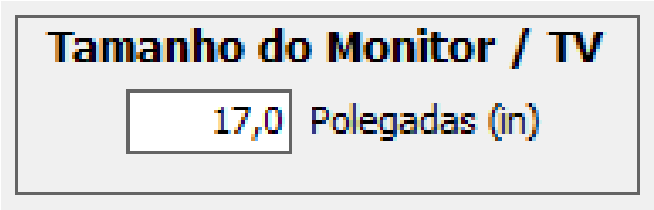
Before testing a patient, configure the system so optotypes appear at the correct screen size. On the initial screen, click Settings (Configurações) or press C.

Determine the monitor or TV size in inches. If it is not visible on the unit, consult its manual or search for its model online to find the exact size in inches. Enter it in the Monitor/TV Size (Tamanho do Monitor / TV:) text box, then click OK.

Illustrations - source section 6



Original instrument or software illustration. See the English instructions and interface labels in this section.



SOURCE SECTION 7

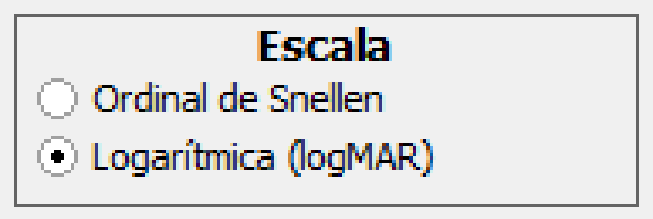
In addition to monitor size, the Configuration Options (Opções de Configuração) window lets you select the program scale: Snellen Ordinal (Ordinal de Snellen) or logMAR. Snellen Ordinal uses a defined sequence of 18 optotype sizes; logMAR uses logarithmic 0.1 increments (one tenth at a time) from -0.3 to +1.4. In both cases, the largest optotype size is limited by the available screen area during testing. Select the desired scale and click OK.

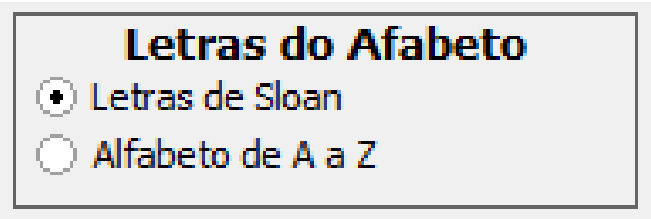
Configuration Options also allows the alphabet to be selected: Sloan Letters (Letras de Sloan, Louise Sloan), [C, D, H, K, N, O, R, S, V, Z], which, according to BS 4274-1:2003, should be used in vision tests because of equal letter legibility; or Alphabet A to Z (Alfabeto de A a Z), which uses every letter. Select Sloan Letters or Alphabet A to Z and click OK.

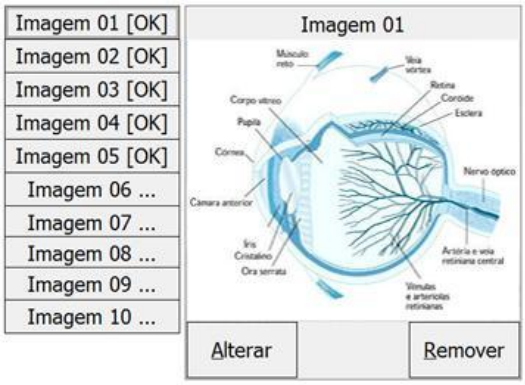
On the same screen you can select up to 10 custom images to show during testing. There are 10 buttons; choose one and select any image previously saved on the supplied computer.

Choose and click a button, for example Image 01 (Imagem 01). If an image is already selected, its thumbnail appears beside the button. To replace it or insert a new image, click the image-selection button shown in the original illustration. In the Open dialog, browse the computer folders for the image to display. An image chosen for Image 01 is the first in the 10-image sequence; Image 02 is the second, and so on.

Illustrations - source section 7





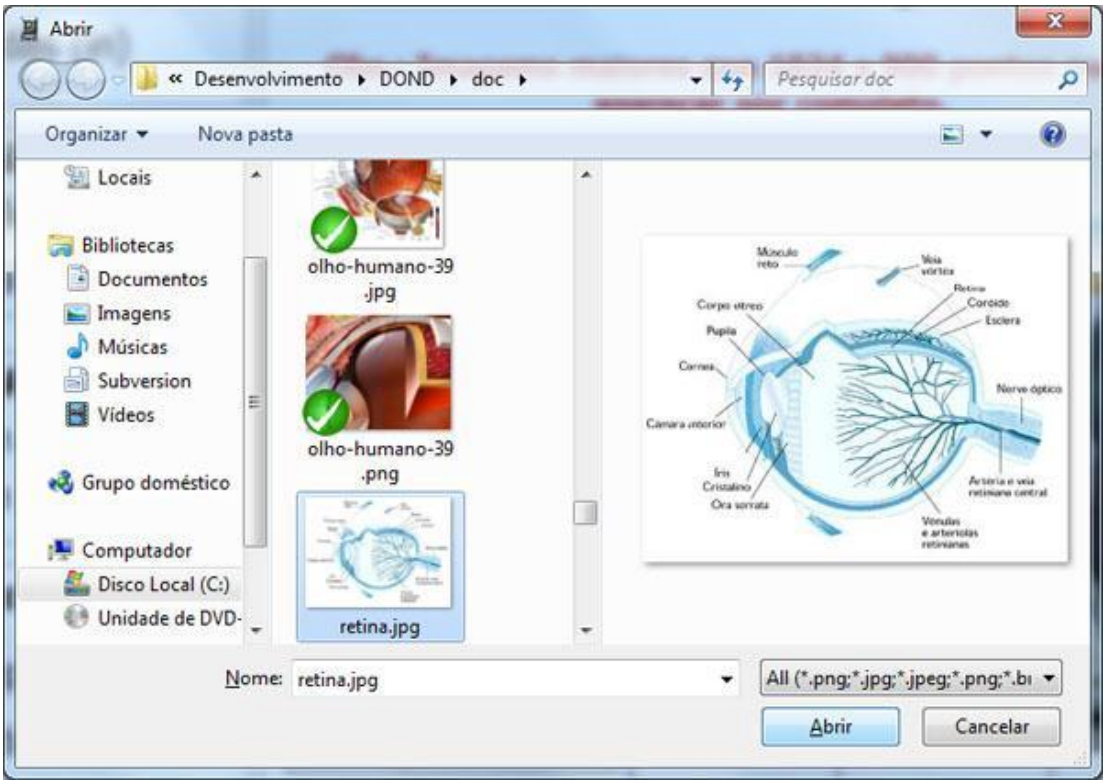


SOURCE SECTION 8

Select the image and click Open (Abrir). Each button indicates whether an image is assigned: "..." after its text means none is assigned; "[OK]" means an image is assigned. You may click the same button to assign another. To remove an image, click its corresponding button and then the removal button shown in the original illustration.

During testing, press 9 to show images in the assigned sequence. Press repeatedly to switch: once shows Image 01, twice Image 02, and so on. For positions without an assigned image, a DonD logo image appears.

Illustrations - source section 8



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 9

Performing the Visual Acuity Test

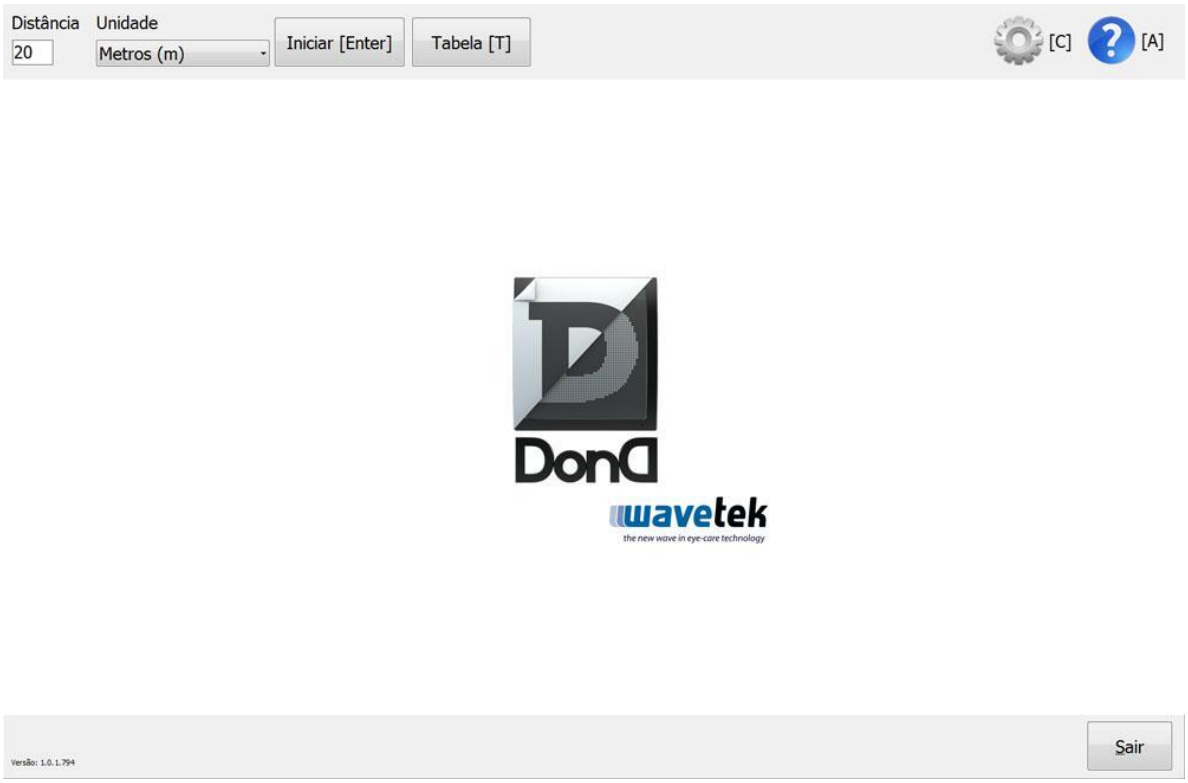
DonD initial screen

In addition to configuring monitor/TV size (see Configuration), enter the distance in Distance (Distância:) and select its measurement unit in Unit (Unidade:) on the initial screen. The system then adjusts optotype size to the specified distance.

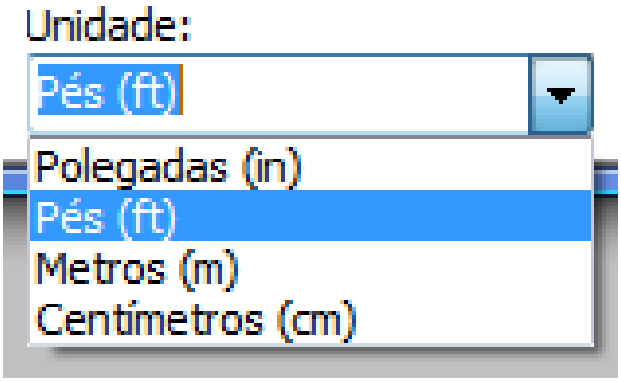
This is an advantage over other visual acuity testing systems: a room with the standard 20 ft distance, or similar, is not required. DonD allows testing at any distance with the chosen monitor/TV size, adjusting optotype sizes automatically from the entered screen size, distance, and unit.

After entering the size and desired measurement unit, click Start Test [Enter] (Iniciar Teste [Enter]) or press Enter. The Visual Acuity Test window opens.

Illustrations - source section 9



Original instrument or software illustration. See the English instructions and interface labels in this section.


Unidade:
Pés (ft)
Polegadas (in)
Pés (ft)
Metros (m)
Centímetros (cm)

SOURCE SECTION 10

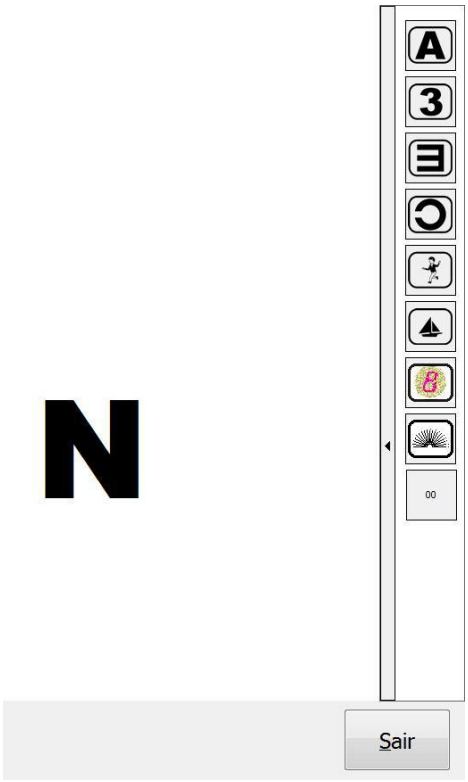
When this window opens for the first time, letter optotypes appear at 20/20 on the Snellen Ordinal scale and/or 0.0 on the logMAR scale. This allows the user to check or simply view certain details during the examination.

A narrow button on the right side marks a hidden slide-out menu. Move the mouse pointer over it to display the menu.

Illustrations - source section 10



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 11

The menu displays buttons for these test types, with example optotypes in the original illustrations:

Letters (Letras): also activated with 1.

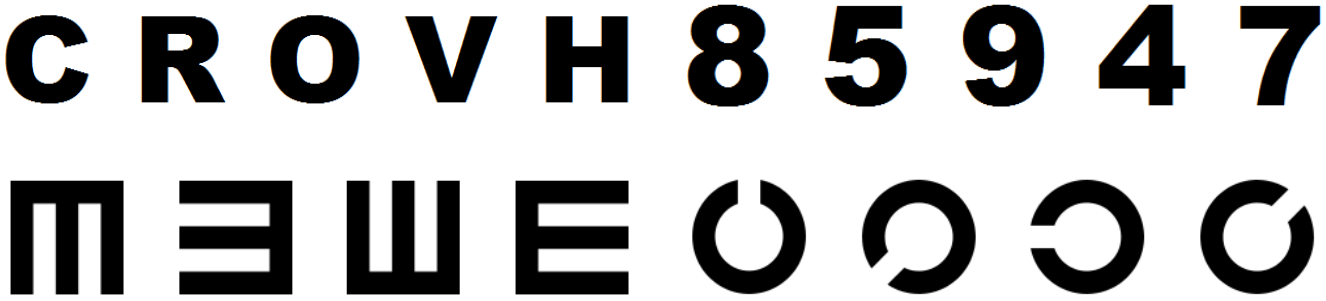
Numbers (Números): also activated with 2.

Snellen: also activated with 3.

Landolt: also activated with 4.

Pigassou Pictures (Figuras de Pigassou): also activated with 5.

Illustrations - source section 11



SOURCE SECTION 12

Example optotypes appear in the original illustrations.

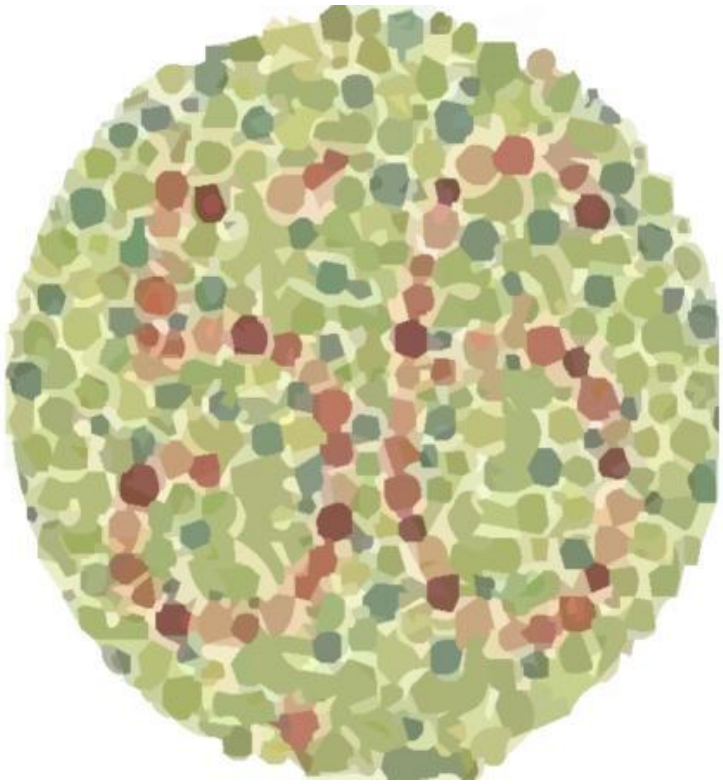
Rossano Weiss Pictures (Figuras de Rossano Weiss): also activated with 6.

Ishihara Plates (Placas de Ishihara): also activated with 7; example plate shown.

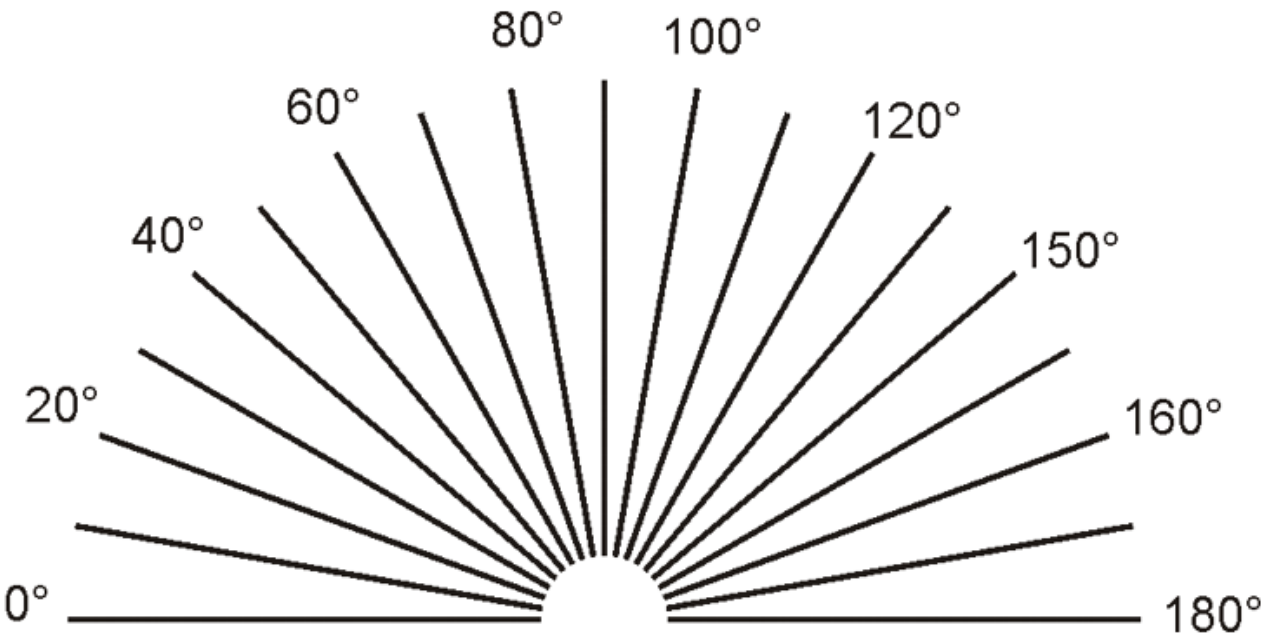
Lancaster Wheel (Roda de Lancaster): also activated with 8.

Illustrations - source section 12





Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 13

Example wheel shown in the original illustration.

Custom Images (Imagens Personalizadas): also activated with 9. When the image changes, the button text shows the displayed image number, from 01 to 10.

Besides the keys assigned to the test types above, use the left or right arrow keys, or equivalents on the supplied wireless keyboard, to change optotypes. Use the up arrow to increase optotype size and the down arrow to decrease it.

When configured for Snellen Ordinal (see Configuration), each optotype size appears in Snellen format in the lower-right corner. When configured for logarithmic logMAR, its logMAR size appears there with the equivalent Snellen size beneath it.

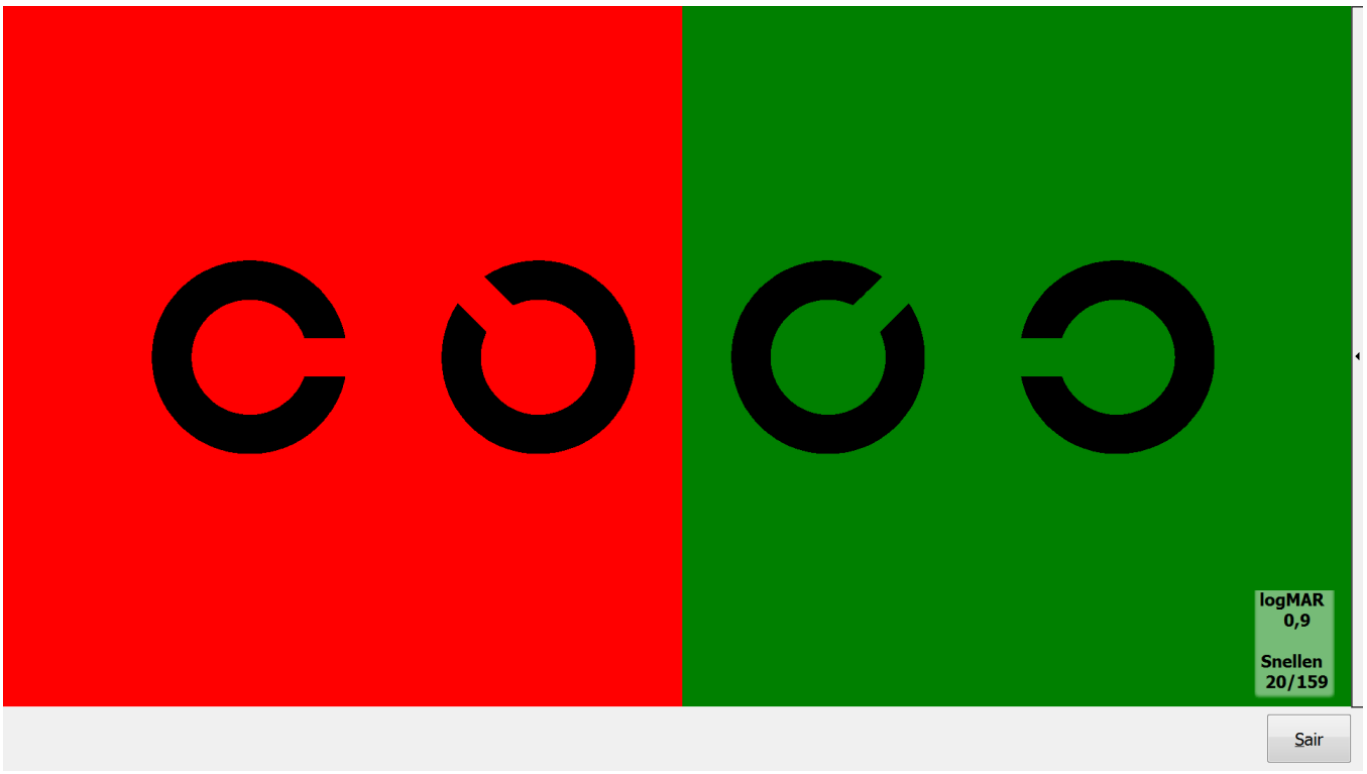
During tests using letters, numbers, Snellen optotypes, Landolt optotypes, Pigassou pictures, or Rossano Weiss pictures, you can change the background to DuoChrome: vertical red and green, or white. Press repeatedly while observing the screen to select the desired DuoChrome background. The source does not identify the key to press for this background change; this instruction remains unresolved.

SOURCE SECTION 14

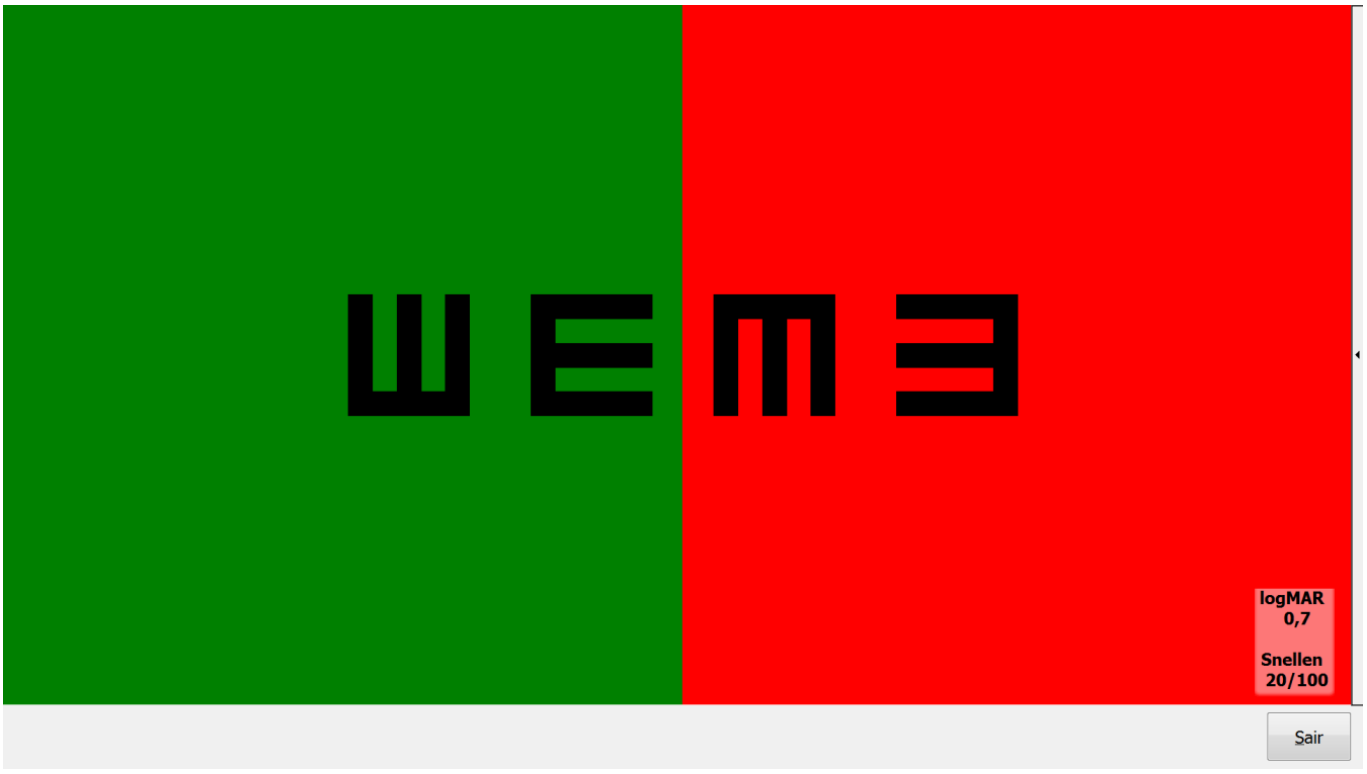
Vertical red-green.

Vertical green-red.

Illustrations - source section 14



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

SOURCE SECTION 15

Normal background (white).

During letter or number tests, press E to reduce optotype contrast, or F to increase it. The contrast percentage appears in the lower-left corner of the test screen.

You can also perform a letter test with up to five (5) lines by clicking Chart [T] (Tabela [T]) on the DonD initial screen.

Illustrations - source section 15



Original instrument or software illustration. See the English instructions and interface labels in this section.

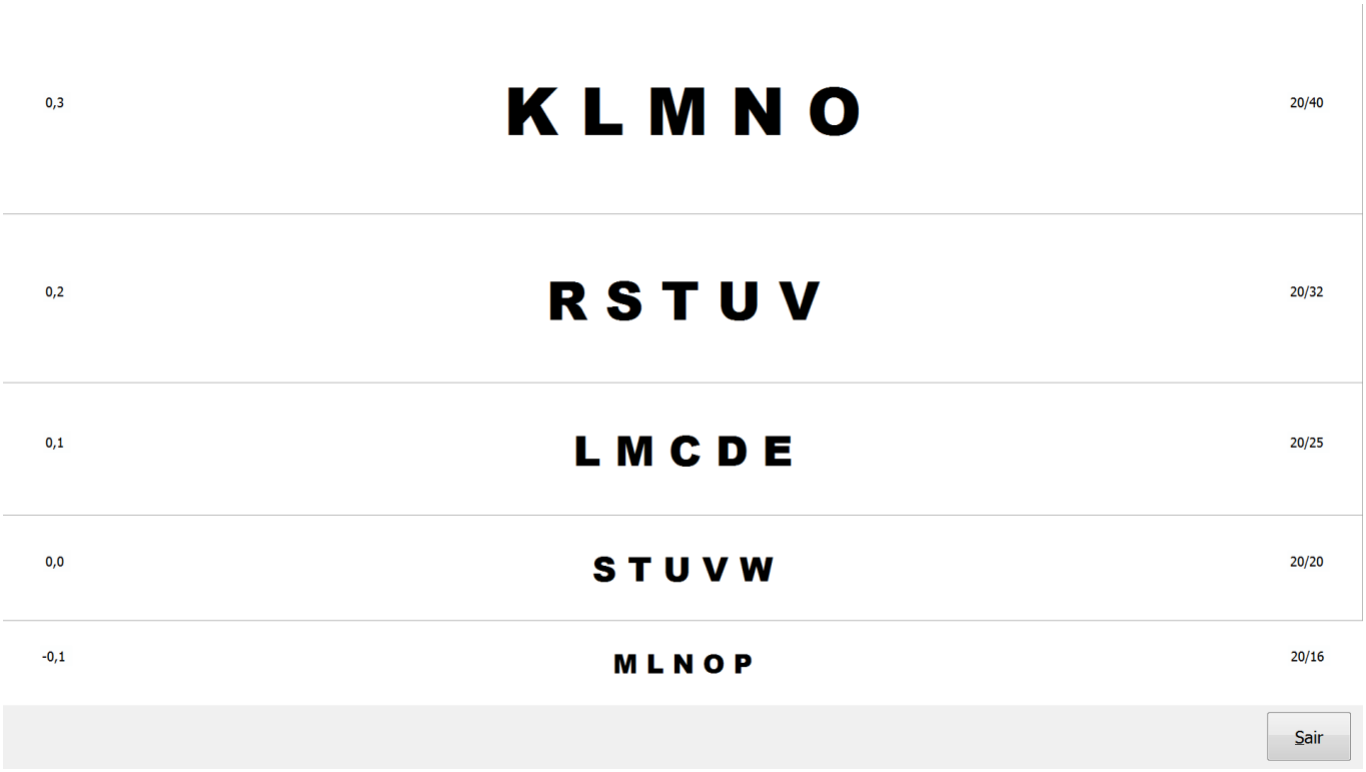


SOURCE SECTION 16

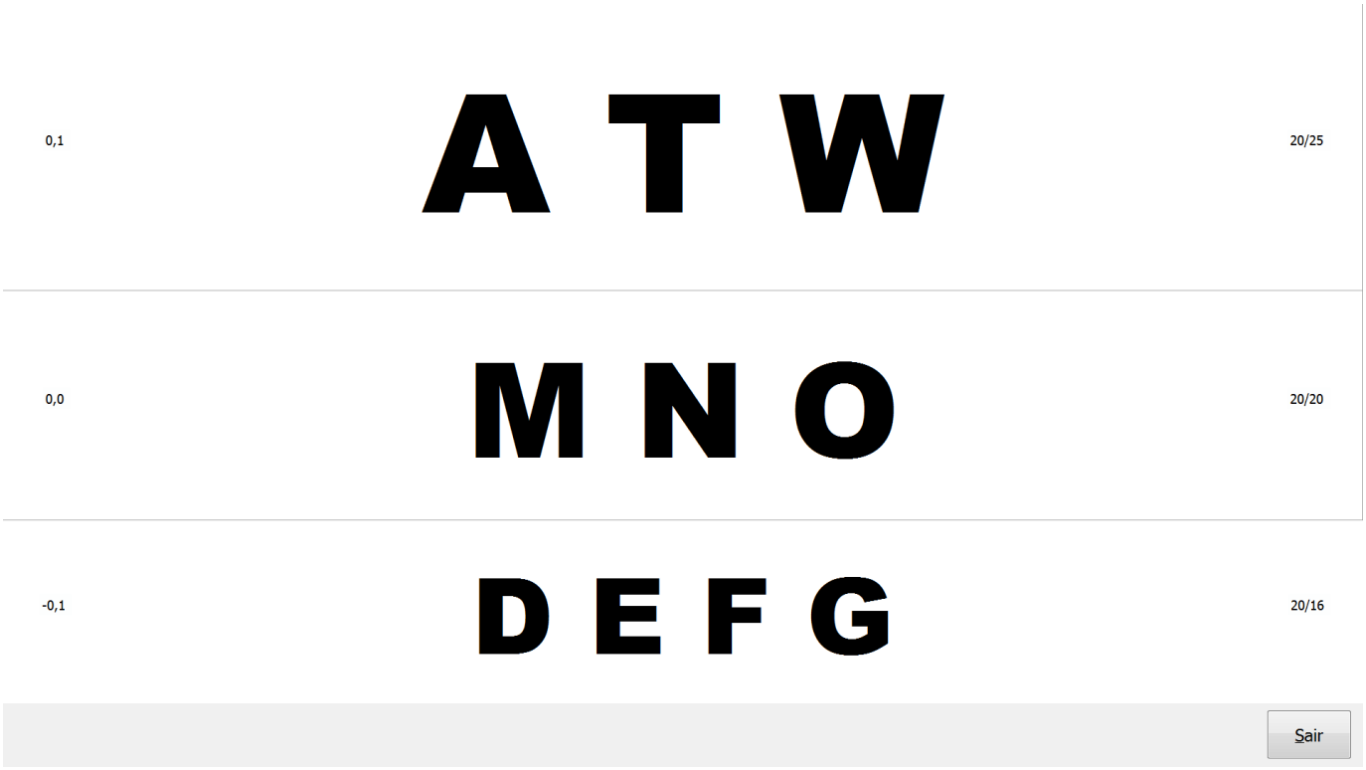
Optotype sizes on this screen also follow the distance and unit selected by the user. The preceding image was opened at 20 ft, and the image on this page at 80 ft.

To open this manual, click Help on the initial screen or press A.

Illustrations - source section 16



Original instrument or software illustration. See the English instructions and interface labels in this section.



Original instrument or software illustration. See the English instructions and interface labels in this section.

Configuration and source-review notes

Source limitations requiring technical review

Source section 1: Configuration and installation instructions describe historical Windows software and supplied equipment. Source page footer numbering removed; all16 page records retained.

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Fairport, NY 14450
United States

Explore DonD resources

Request a demonstration or quotation

Configuration and market information

US regulatory clearance is in progress. The original ophthalmic product line held clearances in South American markets. Contact EVOptica for the product configuration, documentation and availability relevant to your destination market.

This is a full English technical-review edition of the supplied source document. It preserves source procedures, warnings, values and unresolved source differences. It is not a manufacturer-released clinical IFU for a new US product configuration.

Document information

English EVOptica edition: 05 November 2026.

Source revision: Not stated in source

Original technical illustrations are retained for traceability. Some legacy interface screenshots show Portuguese controls; English instructions and label glossaries accompany them. Product and software names are retained. Third-party marks identify their respective owners.