

Color Vision Test Book with Occluder (Pseudoisochromatic Plates)

Instructions for Use

Ophthalmic Diagnostic Test

Intended use

Book of pseudoisochromatic plates for screening congenital red-green color vision deficiency. The 38-plate set includes classification plates to help distinguish protan from deutan type defects.

Intended users

Eye care professionals, school nurses, occupational health staff and other trained screeners. For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- For use by trained healthcare professionals. Follow your facility's protocols and applicable regulations.
- This is a screening test. Results must be interpreted by a qualified professional, and any diagnosis made according to clinical judgment.
- Use only the lighting conditions given in the included instructions. Incorrect lighting can give false results.
- Do not touch the plate surfaces. Fingerprints and dirt can change the colors.
- Keep the book closed when not in use. Light exposure fades the plate colors over time.
- Clean the occluder between patients per facility protocol.

2. Package contents

- Color vision test book
- Eye occluder
- Testing instructions

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Plates	Varies by variant: 24 plates or 38 plates
Format	Album-format book
Plate types	Number plates and path-tracing plates; 38-plate set includes classification plates
Detects	Congenital red-green color vision deficiency only (not blue-yellow defects)
Viewing distance	75 cm (as listed)
Lighting	Natural daylight or a 6500 K daylight lamp
Accessory	Eye occluder for testing one eye at a time

4. Unpacking and setup

- 1 Choose a quiet testing area with natural daylight or a 6500 K daylight lamp. Avoid incandescent and standard cool-white lighting.
- 2 Seat the person being tested comfortably.
- 3 Hold or place the book at the viewing distance stated in the included instructions (75 cm as listed), square to the person's line of sight.
- 4 Have the person wear their usual glasses or contact lenses for near vision, if any, unless your protocol says otherwise.
- 5 Prepare a record sheet for writing the response to each plate.

5. Operation

Screening procedure

- 1 Have the person cover one eye with the occluder if testing each eye separately, per your protocol.
- 2 Show the plates in the order given in the included instructions.
- 3 Ask the person to say the number they see on each number plate, allowing only a few seconds per plate as stated in the instructions.
- 4 For path-tracing plates, ask the person to trace the line with a soft brush or a clean pointer held just above the page. Do not let them touch the plate with fingers.
- 5 Record each answer, including any 'no number seen' responses.
- 6 Repeat for the other eye if testing monocularly.
- 7 Score the results using the key and criteria in the included instructions only.
- 8 Refer the person for further assessment per your protocol if the result is not normal.

6. Cleaning and disinfection

- Do not clean the plate surfaces with liquids or cloths. Keep hands clean and dry when handling the book.
- Wipe the book cover with a dry or slightly damp cloth.
- Clean and disinfect the occluder between patients per facility protocol.

7. Maintenance and storage

- Store the book closed, lying flat, in a cool, dry, dark place.
- Keep away from direct sunlight, heat and humidity.
- Replace the book if the plates become faded, stained or discolored, or as recommended in the included instructions.

8. Troubleshooting

Problem	Likely cause	What to do
Results seem inconsistent	Wrong lighting or viewing distance	Retest under daylight or a 6500 K lamp at the correct distance.
Person takes a long time on each plate	Hesitation or misunderstanding	Explain the task again and keep to the time per plate given in the instructions.
Young child cannot read numbers	Not yet able to name numbers	Use the path-tracing plates, per the included instructions.
Plates look faded or discolored	Light exposure or age	Replace the book; faded plates can give false results.

9. Disposal

- Dispose of a retired book as paper waste in accordance with local regulations.
- Dispose of the occluder as plastic waste in accordance with local regulations.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

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