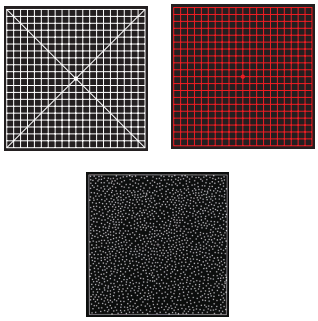
Color Vision Tests

HRR Standard Pseudoisochromatic Test

Quickly screens for normal color vision and congenital and acquired color vision defects, classifying to type—protan/deutan (red/green) and tritan (blue/yellow)—and extent of defect. This test is ideal for pediatric testing, because it uses simple shapes (O, X, Δ) that are easily recognized by children. Special non-glare laminate keeps colors from becoming distorted and prevents fingerprint smudges. Reversible occluding glasses are included.

Unlaminated **730006**

Laminated **730005**



HRR/Amsler Combination Color Book

HRR and Amsler Grid combined into one easy to use book. The book contains 7 different amsler charts including Standard Chart, Diagonal, Red on Black Standard and Minute Juxta-Central.

Laminated **730020**

Unlaminated **730021**

Good-Lite ColorCheck Complete Vision Screener

This test offers both LEA NUMBERS® and Pediatric LEA SYMBOLS® screening for protan/deutan (red/green) and plates screening for tritan (blue/yellow). Color plates are larger making the screening of children, adults and low vision patients much easier.

Includes user-friendly instructions, tabbed sections, and protective coating on each test page.

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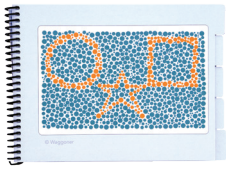

Color Vision Testing Made Easy

Waggoner Color Vision Testing Made Easy (CVTME) is the pediatric gold standard for identifying genetic (red/green) color vision deficiencies in children as young as 3. It consists of one demonstration plate and 9 test plates displaying circle, star, and/or square throughout the plates and can be completed in under 60 seconds.

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True Daylight Illuminator

The True Daylight Illuminator is specifically designed to provide the optimal light when using Panel 16, Farnsworth 100 Hue, Farnsworth D15 and Lanthony Desaturated D15 color tests. The Daylight bulb gives off 6280 degree K light which closely matches the standards set by the International Commission of Illumination and had been approved by the U.S. Food and Drug Administration and the U.S. Defense Personnel Support Center for the armed forces.

The dual purpose tray can be either folded for use with color books or folded flat for arrangement color testing.

Daylight illumination has been found to be very important for acquired color vision defects (such as Plaquenil screening) and critical occupational applications. Consistency of lighting from exam to exam is very important in detection of drug interactions. Further, the use of daylight has been found to be very beneficial in stereopsis, and visual acuity testing.

True Daylight Illuminator comes wired with a power cord only for 110V. 220V available for an extra fee. Color tests not included.

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Arrangement Color Vision

Panel 16 Quantitative Color Vision Test

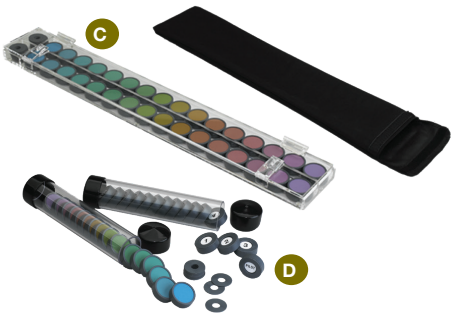
The Panel 16 Color Vision Test sets display the same hues as the Farnsworth D-15. The diameter of the stimulus area is 1.3" (3.3 cm), and can be reduced by using dark gray restriction rings with an opening of 0.47" (1.2 cm) in diameter. Travel tube comes with black cloth.

Single Set

Includes 16 test caps, 16 restriction rings, acrylic case, cloth storage pouch, recording forms, and instructions.

A With Case **260200**

B With Travel Tube. **260260**



Double Set

Includes 2 sets of 16 test caps (32 total), 32 restriction rings, acrylic case, cloth storage pouch, recording forms, and instructions.

C With Case **260100**

D With Travel Tube **260160**

Farnsworth D-15 Color Test Kit

Quickly and easily screen for red-green color deficiencies by asking subjects to separate 15 color disks. The Farnsworth D-15 allows basic color deficiency screening. The diameter of the stimulus area is .47" (1.2 cm).

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Lanthony Desaturated Color Test

The Lanthony Desaturated Color test is similar to the Farnsworth D-15, but the 15 disks are desaturated (lighter in hue). This allows the screener to determine whether or not the subject has the ability to discriminate between subtle color variations. The test can distinguish between normal color perception and mild deficiency in protan/deutan (red-green) or tritan (blue-yellow). The diameter of the stimulus area is .47" (1.2 cm).

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Magnetic Color Test

Test color vision by moving a magnet to arrange the colored disks. This complete Farnsworth D-15 test is enclosed in a sealed plastic box to prevent the disks from becoming lost or dirty. The diameter of the stimulus area is .47" (1.2 cm).

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Desaturated Magnetic Color Test

Assess fine color discrimination with the use of this desaturated Farnsworth D-15 test. The color disks come in an enclosed plastic box and are arranged using a magnet. The colors used in this set are desaturated (lighter in hue), so that finer discrimination is required to arrange the disks. The diameter of the stimulus area is .47" (1.2 cm).

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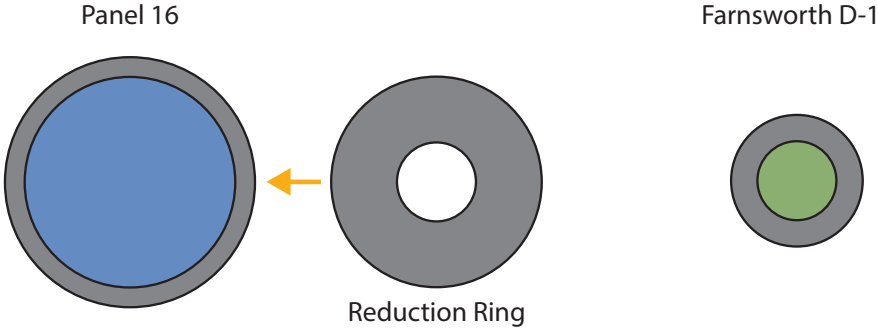
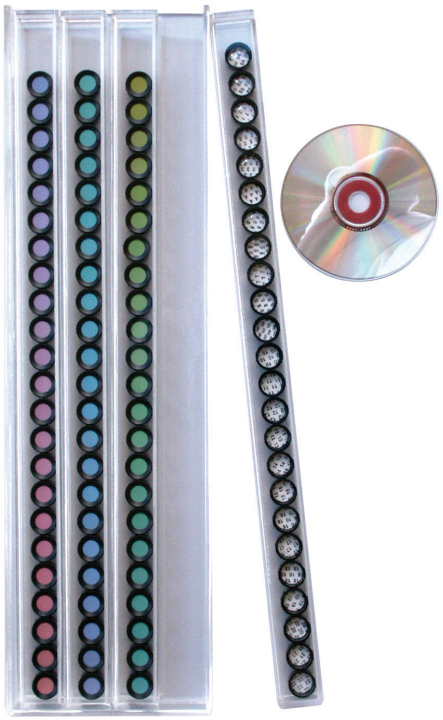
Arrangement Color Vision Size Comparison

LEAVE THIS SECTION OUT



Good-Lite offers arrangement color tests with color chips in 2 sizes. The Panel 16 Quantitative Color Test measures 32 mm in diameter with a "Reduction Ring" that restricts the target to the standard size of 12 mm.



Farnsworth 100 Hue Color Test

Farnsworth 100 Hue Test comes boxed in clear acrylic containers which make scoring easy and reduces the potential for test disruption by holding the patient's disc sequence intact. The Farnsworth 100 Hue test includes 93 color discs; 4 clear acrylic boxes; a tray; a durable, laminated score template for copying; a supply of non-latex, lightly powdered gloves for the patient's hands to maintain cleanliness and accuracy of the color discs; comprehensive instructions; and a CD disk with a scoring template for use with MS Excel. The scoring template calculates a numerical score and provides a graphical display or print-out of the patient's score. Dimensions: 56 cm x 17 cm x 2.4 cm.

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Farnsworth Magnetic 100 Hue Color Test

The Magnetic 100 Hue Color Test solves this problem. The discs have been magnetized and encapsulated in a sealed clear plastic box. The patient selects the discs using a magnetic pen to move them into a scoring area. When complete, scoring is easily accomplished by reading the scores through the bottom of the box. Tip the box and shake the discs into the selection area for the next patient!

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Waggoner™ Computerized Color Vision Test (CCVT) on Tablet

The Waggoner Computerized Color Vision Test (WCCVT) was created as an all-in-one color vision testing suite to satisfy anyone interested in testing for color vision deficiencies ranging from school nurses to the U.S. Military. Within the WCCVT, an individual can choose several different testing methods that includes screening, diagnostic, pediatric, and adult testing. Color Vision Testing Made Easy is included in the application and is the gold standard for pediatric color vision testing and is used to screen participants at the World Special Olympics to this day. Due to formalities, we have included the D-15 even though this test has been shown to have lower sensitivity and specificity than our diagnostic tests included in the WCCVT..

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Waggoner™ Computerized Color Vision Test (CCVT) Software Only

The WCCVT is the most competitively priced diagnostic color vision test on the market. The WCCVT was validated by a third party, the U.S. Navy. The WCCVT is accepted by the U.S. Navy, Army, and Coast Guard. It has been recommended by the FAA to screen pilots. More user-friendly and easier to interpret than other competitive products. Has higher sensitivity than the CCT, which means its better at identifying color vision deficient individuals.

Requires a minimum of 1 gigahertz of processing speed, 512 MB of RAM, and 4.5 GB of disk space.

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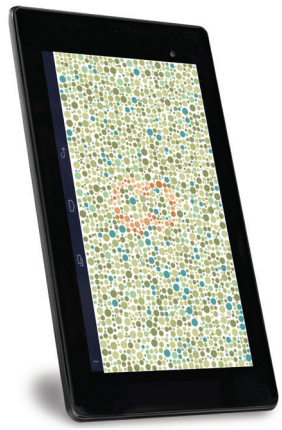

ColorCheck™ Handheld Color Vision Screening Tablet

Color vision screening is now as easy as using your favorite app. The M&S Smart System Tablet (Google Nexus 7) comes pre-installed with ColorCheck color vision application to easily and quickly screen both adults and children. ColorCheck uses Pediatric LEA SYMBOLS® and LEA NUMBERS® to check for protan/deutan/tritan (red/green/blue) color deficiencies. The protocol is completely randomized ensuring accurate results.

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HMC Oculus Anomaloscope

For precision diagnosis of color vision in the red/green and blue/green areas with integrated automatic neutral adaptation. The unit is normally controlled using the MS-Windows® based software and included cable from a PC or laptop.

- Meets requirements of Nagel and DIN-Norm 6160
- Adjustable automatic neutral adaptation (standard 'C' lighting)
- Standard test field of 2°
- Based on additive mixing of colors

Pentium 2 or newer and Windows Only. Interface cable with RS-232 9 pin (RS 232 / V24, Dub D-jack, 9-pole) serial port.

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