



“We use a blend of the Munsell FM 100 Hue Test and the Ishihara Test to check all aspects of employee color vision. In that way, we fully understand any potential limitations that might affect visual color evaluation.”

- Joe Andrade, Lab Manager, Teknor

▲ PICTURED: Quickly and easily measure the ability to discern color for anyone involved in color evaluation for color-critical applications.

FM 100 Hue Test

Visual Assessment Tools

Overview

Everyone perceives color differently. That's why it is important for anyone involved with the evaluation of color to understand how accurately they actually see color. The Farnsworth-Munsell 100 Hue Test (or FM100 Hue Test) is an easy-to-administer test and a highly effective method for evaluating an individual's ability to discern color. The test requires the use of standardized daylight conditions such as those found in X-Rite's SpectraLight QC and Judge QC light booths.

Key Benefits

A global standard that has been used by governments and industry for more than 60 years, the FM100 Hue Test evaluates and ranks color acuity. It consists of four trays containing a total of 85 removable color reference caps (incremental hue variations) spanning the visible spectrum. Color vision aptitude is detected by the ability of the test subject to place the color caps in order of hue.

- Use this test to determine type and degree of color deficiency.
- Fully analyze color vision for in-house and field staff involved with color-critical operations.
- Use as an independent control for measuring the validity of other color vision tests.



Recommended

Farnsworth-Munsell Hue Test Scoring Software

For organizations that perform color vision testing frequently, the Farnsworth-Munsell Hue Test Scoring Software expedites and simplifies scoring of the FM 100 Hue Test and provides a powerful set of analytical and administrative tools. Results can be saved, displayed in polar or linear format, and filtered or analyzed according to a variety of algorithms.

X-Rite Judge QC

The X-Rite Judge QC is the industry's most cost effective light booth featuring a robust industrial design built for longevity. Its five light sources deliver consistent fluorescent illumination that complies with major international standards, including ISO, ASTM, DIN, ANSI and BSI. It has a dedicated D50 light source; a dedicated D65 light source; and a Dual Daylight mode for easy switching between light sources in situations where operators may need to view samples under both lighting conditions.

Service Support & Warranty

Drawing on our extensive experience in the world of color, X-Rite Pantone offers the right level of services, on-site or online, to support and nurture your business. Call on us for standard color services and training courses, or work with us to tailor training and services to your specific needs. We help you get color right the first time, right every time. For more information about extended support options, visit www.xrite.com/extended-warranties-services.

Specifications

	FM 100 Hue Test
Dimensions (length, width, height)	21.5" x 6.25" x 2.5"
Weight	3 lbs
Package Dimensions (length, width, height)	23" x 7" x 4"
Shipped Weight	3lbs

Full list of specifications available at www.xrite.com/fm-100-hue-test