

# Specifications

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# EasyMatch<sup>®</sup> QC Software

## Features

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<b>Color Scales:</b>	CIE Lab, CIE LCh, Hunter Lab, Rdab, RxRyRz, XYZ, Yxy
<b>Absolute and Differences</b>	
<b>Observers:</b>	2° and 10°
<b>Illuminants:</b>	A, C, D50, D55, D65, D75, F2, F7, F11, TL84, Ultralume 3000
<b>Difference Indices:</b>	dE (Hunter), dC (Hunter), dE* (CIE), dC* (CIE), dH* (CIE), dL CMC, dC CMC, dH CMC, dE CMC, dL (CIE94), dC (CIE94), dH (CIE94), dE (CIE94), dL (DIN99), dC (DIN99), dH (DIN99), dE (DIN99), dL (CIE2000), dC (CIE2000), dH (CIE2000), dE (CIE2000), dE FMCII, dL FMCII, dRG FMCII, dYB (FMCII), dE Rdab, dC Rdab, Metamerism Index, Gray Scale (ISO 105-A05.2), Gray Scale (ISO 105-A04), Average Strength, Weighted Strength
<b>Indices:</b>	YI E313, YI D1925, WI E313, WI CIE, WI GANZ, 457 Brightness, Y Brightness, Z%, APHA (10, 20 and 50mm) (d/8° only), ADMI (10, 20 and 50mm) (d/8° only), ASTM D1500 (d/8° only), Gardner D6166 (d/8° only), Gardner 20mm (d/8° only), Saybolt (d/8° only), Tint CIE, Tint E313, Tint GANZ, Dominant Wavelength, Citrus Scores (optional with ColorFlex 45/0), Tomato Scores (Optional with ColorFlex 45/0 and LabScan XE), Excitation Purity, Opacity, Haze (d/8° only) Absolute and difference from standard for each
<b>Spectral Plot:</b>	% Reflectance, % Transmittance (d/8° only), Absorbance, K/S
<b>Spectral Data:</b>	% Reflectance, % Transmittance (d/8° only), Absorbance, K/S, $\Delta$ % Reflectance, $\Delta$ % Transmittance (d/8° only)

## Features Continued

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<b>Automatic Tolerances:</b>	Automatic generation of L*a*b*, HunterLab and L*C*h* tolerances for standards. Based on CMC tolerancing principles
<b>Views:</b>	Color Data Table, Color Plot, Spectral Data Table, Spectral Plot, EZ View, Trend Plot, Color Render
<b>Color Plot Views:</b>	2-dimensional and 3-dimensional for CIELab, CIELCh, HunterLab, Rdab and Yxy
<b>Data and Formula Fields:</b>	Special fields may be configured in the color data table into which external data may be entered or formulas may be calculated based on existing data
<b>Languages:</b>	Chinese, English, French, German, Italian, Japanese, Spanish
<b>Other Features:</b>	Job Tree, User Configurable Display, PASS/FAIL Indication, Word description of color difference, Averaging, 555 shade numbering, Automatic standard search Timed read mode, Hitch Standardization, ASCII Export, E-Mail Job, Sensor diagnostics, Access or SQL database compatible
<b>Secure Version: 21 CFR Part 11 Compliant (Optional)</b>	Definable Access Privileges, Electronic Signature, Audit Log

## Instrument Comptability

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<b>Use EasyMatch QC with:</b>	UltraScan® PRO, UltraScan® VIS, UltraScan® XE, LabScan® XE, ColorQuest® XE, ColorQuest® XT, ColorQuest® 45/0 LAV, ColorFlex®, MiniScan® XE Plus, MiniScan® EZ
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For more information, please contact HunterLab at 703-471-6870, [sales@hunterlab.com](mailto:sales@hunterlab.com) or visit [www.hunterlab.com](http://www.hunterlab.com)

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