



▲ The ColorMouseToo!™ series of instruments are based on Color Savvy's patent pending multi-element LED monochromator engine. Color Savvy's complete line of instrumentation has been specifically designed to meet the growing requirement for color control in the digital-imaging marketplace.

Color Savvy's line of color measurement instrumentation provides the data needed for calibration and process control for output devices used in digital imaging. The ability to maintain consistent output during a production run, or on a day by day basis, is adversely affected by the following issues:

- ◆ Temperature and humidity changes
- ◆ Ink and toner changes
- ◆ Substrate changes
- ◆ General usage

Color Savvy understands the importance of controlling these issues, as well as the need for color management in a digital imaging workflow, and provides a complete line of measurement devices for calibration and output device profiling.



**CM2D Calibrator**

Densitometer for process control and calibration of color copiers, large format plotters and color printers.



**CM2C Colorimeter**

All the capabilities of the Calibrator, plus colorimetric values for device profiling applications.



**CM2S Spectrophotometer**

Spectral measurements plus all the capabilities of the Calibrator and the Colorimeter.

**Features & Benefits**

- **R.O.I-** Quick return on investment, justified by eliminating just one or two service calls for calibration.
- **Rugged Design-** Durable and reliable, with no moving parts.
- **Serial Interface-** Ability to interface to third party software programs.
- **Ease of Operation-** Utilizes one button operation for measurement directly into application software.
- **2 Year Limited Warranty-** Warranted against defects in materials or workmanship for 24 months from purchase date.

**Developers and Integrators!**

Color Savvy has an open architecture Macintosh® and Windows® Software Developers Kit (SDK) available for download at [www.colorsavvy.com](http://www.colorsavvy.com)

## ColorMouseToo!™ Series Specifications v6.0a

SPECIFICATION	CM2D Calibrator	CM2C Colorimeter	CM2S Spectrophotometer
Measuring Geometry (ANSI PH2.17 & ISO 5/3 Standards)	45°/0°	45°/0°	45°/0°
Light Source	LED array	LED array	LED array
Measuring Area	4mm diameter	4mm diameter	4mm diameter
Warm-up Time	none	none	none
Measurement Time	1.5 seconds	2 seconds	4 seconds
Measuring Range	0.0 to 2.50D	0 to >100% XYZ	0 to >100% reflectance
Short Term Repeatability (white, 3σ; Status T, D50 2°)	±0.01D	≤0.3 dE* <sub>ab</sub>	≤0.25 dE* <sub>ab</sub>
Accuracy (Den: T; Color: BCRA, D50 2°)	≤±0.02D or 3% (SWOP Densities)	≤2.5 dE* <sub>ab</sub> average	≤2.0 dE* <sub>ab</sub> average
Inter-Instrument Agreement (Den: T; Color: BCRA, D50 2°)	≤±0.02D or 2%	≤2.2 dE* <sub>ab</sub> average	≤2.0 dE* <sub>ab</sub> average
Output Function*	Density Status E, T	XYZ Density Status E, T	31 Point Spectral XYZ Density Status E, T, A, I
Illuminants*	n/a	A, C, D50, D55, D65, D75	A, C, D50, D55, D65, D75, F2, F7, F11, F12
Standard Observers*	n/a	2°, 10°	2°, 10°
Communication Interface	RS-232, 9600 baud	RS-232, 9600 baud	RS-232, 9600 baud
Power Requirements	12v DC, supplied from AC Adapter	12v DC, supplied from AC Adapter	12v DC, supplied from AC Adapter
Japan Model	100v (85-110VAC)	100v (85-110VAC)	100v (85-110VAC)
USA Model	115v (90-130VAC)	115v (90-130VAC)	115v (90-130VAC)
Euro Model	230v (180-260VAC) 12VA, 50/60 Hz	230v (180-260VAC) 12VA, 50/60 Hz	230v (180-260VAC) 12VA, 50/60 Hz
Physical Size			
Height	46mm	46mm	46mm
Weight	70mm	70mm	70mm
Length	123mm	123mm	123mm
Weight			
Net	120g	120g	120g
Gross	730g	730g	730g
Environmental			
Operating Temperature	+10° to +40°C	+10° to +40°C	+10° to +40°C
Relative Humidity	30 to 85%	30 to 85%	30 to 85%
Agency Compliance			
Safety (AC Adapter)	UL, JIS	UL, JIS	UL, JIS
Emissions	FCC class A	FCC class A	FCC class A
*Supplied by driver			