



Coloratti

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i1XTreme

Professional Color Management

Fine Art and Commercial Photography

Graphic Design Production

Prepress



i1[®]XTreme

The Ultimate All-in-One Color Control System



Technical specifications for i1Pro device



Spectral measurement device, supported measurement modes:	Reflectance single measurement Reflectance scanning measurement with automatic patch detection Emission: radiance measurement (monitor measurement) Emission: irradiance measurement (light measurement)
Spectral analyzer:	Holographic diffraction grating with 128 pixel diode array
Optical resolution:	10nm
Physical sampling interval:	3.5nm
Spectral data:	Range: 380 ... 730 nm in 10nm steps
Measurement aperture:	4.5 mm diameter
Interface:	USB 1.1
Physical dimensions:	Length 151 mm, width 66 mm, height 67 mm (6 x 2.6 x 2.6 inches)
Weight:	185 g (6.5 oz)
Accessories included:	Calibration plate, USB cable, monitor holder, positioning target, scanning ruler, and light measurement head
Measurement geometry:	45°/0° ring illumination optics, DIN 5033
Light source:	Gas filled tungsten (Type A)
Physical filters:	No or UV cut (Filters not exchangeable)
Inter-instrument agreement:	Average DE*94 0.4, max. DE*94 1.0 (Deviation from X-Rite manufacturing standard at 23°C for single measurement mode on 12 BCRA tiles (D50,2°))
Short-term repeatability:	DE*94 <= 0.1 (D50,2°), with respect to the mean CIE Lab value of 10 measurements every 3 seconds on white
Data format:	Spectral radiance (mW/nm/m ² /sr); Luminance Y (cd/m ²)
Measurement range:	0.2 ... 300 cd/m ²
Short-term repeatability:	x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m ²)
Type:	Cosine-corrected diffuse light measurement head
Diameter:	6.0 mm
Data format:	Spectral irradiance (mw/nm/m ²), Illuminance Y (lux)
Power supply:	Device powered by USB. No additional charger or battery required. USB 1.1 high power device.
i1 Ruler:	33.5 cm x 17 cm
i1 Ruler Board:	35.5 cm X 26.5 cm folded 35.5 cm X 40 cm unfolded

System Requirements

Macintosh®	Windows®
<ul style="list-style-type: none">Power Mac G3 or higher, 300 MHzMac OS X 10.3 or later128 MB of available RAM100 MB of available hard disk spaceMonitor resolution of 1024 x 768 pixels or higherUSB Support	<ul style="list-style-type: none">PC with 300MHzWindows 2000, XP128 MB of available RAM100 MB of available hard disk spaceMonitor resolution of 1024 x 768 pixels or higherUSB Support

i1XTreme puts complete color control at your fingertips.

i1Pro solutions are designed for the unique needs of creative and prepress professionals who depend on accurate color throughout their workflow. Whether you are a fine art photographer, graphic design producer or prepress professional, i1XTreme is the one system comprehensive enough to be the only color management solution you will ever need. i1XTreme includes the defacto industry standard i1Pro spectrophotometer and i1Match profiling software. Obtain accurate color on all your devices in your digital workflow.



i1Pro and Scanning Ruler

i1Pro Spectrophotometer

i1Pro sets the stage for speed and ease-of-use, putting leading edge technology in your hands. Connected with just a USB powercord, i1Pro is capable of profiling monitors, scanners, printers, digital cameras, and projectors. i1Pro even measures spot colors, plus captures both flash and ambient light – all with one device. i1Pro is supported by all major RIP manufacturers.

i1Match Software

i1Match software is the brains behind the i1 system. It offers an easy-to-use interface, with simple on-screen help guides to help the user breeze through the process.



i1Match Software

i1XTreme includes the following i1Match Modules.

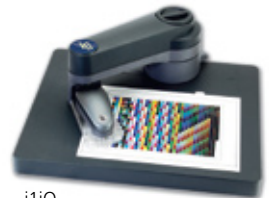
Monitor • RGB & CMYK Output • Scanner • Digital Projector • Digital Camera • i1Editor

i1XTreme delivers the ultimate in color control:

- LCD, CRT and laptops profiling – for any ambient light condition
- RGB and CMYK printer profiling ensures your output is reproduced accurately from print to print and printer to printer – supports high patch count test charts for the most accurate printer profiles – ideal for fine art printing and proofing
- Scanner profiling for accurate color reproduction of analog images to digital images - includes i1 Reflective Scan Target
- Digital projector profiling for highly accurate projected color – no more excuses for color on screen. i1XTreme includes i1Beamer holder for virtually hands free use.
- Digital Camera profiling incorporates simplified features for the most popular photo settings to create camera profiles - contrast, exposure, color saturation, shadows and highlights. (Requires Digital ColorChecker SG – sold separately)
- Simple profile editing functions for the most popular editing needs
- Spot color measurements to incorporate in your work, or use to make sure the colors in your proof are exact

i1iO Automated Scanning Table

When your needs grow towards high volume output profiling, the i1iO automated hands-free chart reader is a must have accessory! Simply dock your i1Pro device into the iO table and your i1 is transformed into a tireless color measurement assistant. It is capable of measuring any substrate up to 10mm thick.



i1iO

i1Defined Training

At X-Rite we know you need to maximize the efficiency of your systems and workflow, so we've included a highly informative Flash-based interactive training program. i1Defined sets the stage so you will learn how to effectively work within a properly color managed ecosystem.



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