



Coloratti

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i1Basic

professional color measurement for:
spectral color scanning
monitor profiling



i1[®]Basic
a solution you can grow with

x-rite
right on color

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/m2 /sr); Luminance Y (cd/m2)
Measurement range:	0.2 ... 300 cd/m2
Short-term repeatability:	x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m2)
Type:	Cosine-corrected diffuse light measurement head
Diameter:	6.0 mm
Data format:	Spectral irradiance (mw/nm/m2), 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



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i1Basic is an affordable, professional spectral color measurement solution.

i1Pro solutions are designed for the unique needs of creative and prepress professionals who depend on accurate color throughout their workflow. And it is the one system comprehensive enough to be the only color management solution you will ever need. i1Basic is ideal for all your basic color measurement needs. Simply add functionality as required.

i1Basic includes the defacto industry standard i1Pro spectrophotometer and i1Match Monitor profiling software. With i1Basic, you'll be able to scan spectral color, obtain accurate color on all your displays, utilize your device to linearize your printers, and easily add functionality through upgrade modules. With the included **i1Share** software you'll also be able to measure spot colors, plus capture both flash and ambient light.

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 – 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. i1Basic includes the i1Match Monitor Module. You'll be able to:

- Profile CRT, LCD and Laptop Displays in Easy or Advanced mode
- Create profiles for any ambient light condition for optimal viewing for color critical work
- Utilize reference profiles to match all monitors in your workgroup
- Select from unlimited gamma white point and luminance settings including:
 - native gamma
 - measure luminance as target
- Validate and trend monitor performance
- Adapt for a closer visual match of different monitors (or of different settings on one monitor) with different white points
- Optimize gray balance for more neutral and better defined grays
- Review the profile summary report for post profile analysis
- Set profile reminder to ensure true and reliable color over time
- Utilize Push Button Calibration (PBC) for one-step profiling for industry leading monitors



Your i1Pro device is pre-programmed to accept additional i1Match software functions. Simply purchase an access code for the desired add-on module, including:

- Scanner • RGB Printer • CMYK Printer • Digital Projector • Digital Camera • Profile Editor

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 10 mm thick, such as:

- photo paper • fine art rag • poly bag • textile • corrugated stock • ceramic



i1iO

i1Defined Training

At X-Rite we know you need to maximize the efficiency of your systems and workflow, so we've included this highly informative Flash-based interactive training in every i1 solution. i1Defined sets the stage so you will learn how to effectively work within a properly color managed ecosystem.



i1Defined Training