i1iSis 2
Spectrophotometer

X-rite
PANTONE®

The ideal instrument to speed up and automate printer profile creation, now supporting M1 measurement standards!

Productive. Fast. Precise.

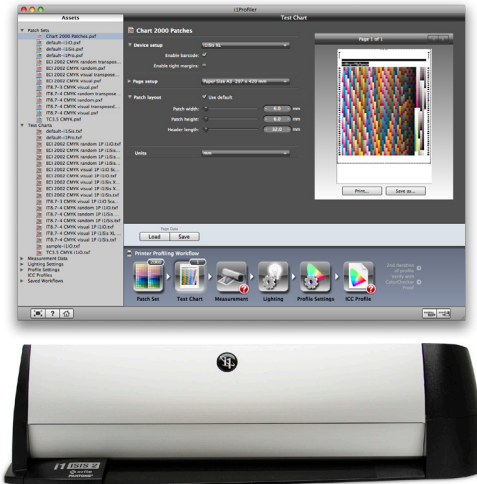Your time is valuable. If you spend any of it measuring charts, the i1iSis 2 spectrophotometer with M-Series measurement illumination conditions both your productivity and the quality of your print production. This automated chart reader, build on award-winning i1 spectral technology, reads up to 2,500 patches printed on a single A3 page in just 10 minutes!

Take the Time and Labor Out of Keeping Color Management Profiles Up to Date

- Capture full spectral data for the charts you measure.
- Leverage switchable illumination to capture M0, M1 and M2 in a single chart measurement cycle.
- Use with i1Profiler to accommodate a variety of inks and substrates in any viewing condition using Optical Brightening Compensation (OBC).
- Assure compliance with new ISO standards for M-Series measurement illumination conditions.
- Spend less time on press profiling and more on taking care of customers.

i1iSis 2 and i1 Profiler: Speed and ease of use combined

The Ultimate in Productivity

In high production environments such as photo processing, large format, fine art and high-speed digital printing, frequent measurement of color test charts to keep color management profiles up to date is a must. With the i1iSis 2, this task no longer need be labor-intensive. Simply print the test chart, read it into the i1iSis 2 in 10 minutes or less, and check results. It's that easy.

M-Series Standards Compliance

The i1iSis 2 automated chart reader is compliant with the latest standards. M1 is now the specified measurement condition for GRACoL 2013, SWOP 2013 and ISO 12647-2. Verification to these standards should be done using the M1 measurement condition. In addition, M1 measurement conditions are required to achieve accurate proof-to-press-sheet matches in ISO 3664 compliant D50 lighting booths.

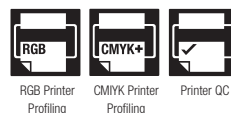### Vision System for Accurate Alignment

The X-Rite i1iSis 2 comes with a built-in vision system that offers high tolerance for how charts are aligned as they are fed into the system, automatically correcting for misalignment. Barcode reading for chart identification adds further ease of use and error reduction.

Need More Information about M-Series Measurement Conditions?

Download our informative white paper, Successful Color Management of Papers with Optical Brighteners by visiting www.xrite.com/successful-color-management-of-papers.

Learn More
www.xrite.com/i1isis-2-automated-chart-readers

RGB Printer Profiling

CMIYK Printer Profiling

Printer QC

i1iSis 2 Spectrophotometer

i1 Spectral Technology

The i1iSis 2 uses i1 spectral technology to accommodate M-Series measurement illumination conditions:
- M0 (NoFilter) where neither substrate nor imaging colorants fluoresces.
- M1 for proper measurement of substrates with optical brightening agents (OBA's).
- M2, when there is a desire to eliminate the fluorescing effect from the measurement data.

Two Configurations

The i1iSis 2 is available in two configurations:
- A4/Letter: Reads up to 1,500 patches on a single sheet in just 8 minutes.
- A3/Tabloid: Reads up to 2,500 patches on a single sheet in just 10 minutes.

XRGA Compliant

The X-Rite Graphic Arts Standard (XRGA), a corporate X-Rite factory calibration standard for graphic arts instruments, includes new advances in color technology and changes required to meet ISO-13655. As an XRGA-compliant instrument, the i1iSis 2 ensures high quality data exchange and workflows in environments where different instrumentation is used.

Specifications	i1iSis2	i1iSis2 XL
Spectral Engine	i1 technology (holographic diffraction grating with diode array)	i1 technology (holographic diffraction grating with diode array)
Spectral range	380 – 730 nm	380 – 730 nm
Optical bandwidth	10 nm	10 nm
Sampling interval	3.5 nm (100 bands)	3.5 nm (100 bands)
Spectral reporting	10 nm	10 nm
Measurement conditions	M0, M1 & M2 measurement modes	M0, M1 & M2 measurement modes
Interface	USB1.1	USB1.1
Size options	A4	A3+
Physical dimensions	Width 42 cm, depth 16 cm, height 12 cm (16.5 x 6.3 x 4.7 inches)	Width 52 cm, depth 16 cm, height 12 cm (20.5 x 6.3 x 4.7 inches)
Weight	3.2 kg (112.9 oz)	3.9 kg (137.6 oz)
Inter-instrument agreement	Average 0.4 DE*00 Manufacturing standard at a temperature of 23°C on 12 BCRA tiles (D50, 2°)	Average 0.4 DE*00 Manufacturing standard at a temperature of 23°C on 12 BCRA tiles (D50, 2°)
Short-term repeatability	0.1 DE*00 (D50, 2°), on white	0.1 DE*00 (D50, 2°), on white
Paper Width	6 to 23 cm (2.4 to 9 in.)	6 to 33 cm (2.4 to 13 in.)
Paper Length	17 cm to 66 cm (6.7 to 26 in.)	17 cm to 66 cm (6.7 to 26 in.)
Paper Thickness	Typical 0.16mm, Range: 0.08 to 0.45mm	Typical 0.16mm, Range: 0.08 to 0.45mm

x-rite

PANTONE®