

# X-Rite eXact Scan



## A 2-in-1 Color Measurement Instrument!

The X-Rite eXact Scan is both a handheld densitometer/spectrophotometer and a scanning device! It is a critical part of a complete color management ecosystem that ensures color consistency and repeatability across the entire color workflow. eXact Scan is ideal for use in offset, digital, flexo, prepress, inkroom and other environments where exceptional color control is a necessity.

### Experience X-Rite eXact Scan with:

- Ease of use
- Increased speed
- Upgradeable

The X-Rite eXact Scan spectrophotometer is a next-generation handheld color measurement solution that measures a 100cm/40" color bar in less than 10 seconds, capturing density, spectral color values, dot gain and more. It's easy to use and can be configured to meet the needs of multiple operators with automated presetting that avoids potential for error and ensures standards compliance.

### Patented Zebra Wheel Drives Speed, Productivity

Integration of the patented Zebra wheel into the eXact Scan gives operators complete, untethered freedom of measurement. As the user moves the instrument, it counts stripes and calculates how far and fast the operator is moving, tracking the position along the bar. With other instruments, users must move at a reasonably repeatable speed across the whole series of patches, not too fast or slow, in order to get an accurate measurement. Integrating this X-Rite patented technology into the instrument is a significant advance in accuracy and productivity.



Learn More

[www.xrite.com/exact-scan](http://www.xrite.com/exact-scan)



eXact Scan's single axle ensures that the instrument moves in a straight line without the need for a guide bar

### Measure a wide range of different color bars

eXact Scan can measure short or long color bars (up to 112 cm/44") supporting a range of print and packaging applications. With its scanning slide, eXact Scan can measure patches as small as 3 mm, even if they are embedded in the image using a variety of aperture sizes.

### Software eXact-ly Right

X-Rite eXact Scan includes eXact Manager to set several different configuration options in the eXact; eXact DataCatcher, for the capture of spot measurements from eXact instruments and transfer of data to an application such as Microsoft Excel; and eXact DataMeasure, to measure in Scan mode and transfer data to an application such as Microsoft Excel. A wide range of third-party software solutions also support eXact Scan.

### Statistical Process Control

Add ColorCert: X-Rite Edition to close the loop for exceptional color management from customer file all the way through production. This cloud-based standards-compliant specifications management solution delivers statistical process control for defining, monitoring and communicating production quality, across the plant or around the globe.

### Aligning Your Instruments

When used with *NetProfiler*, eXact Scan can manage and monitor color performance at an enterprise level, providing consistent quality measurements across shifts, departments and sites. eXact Scan supports all of the leading print specifications, including ISO, Japan Color, G7, and PSO, allowing printing and converting businesses to efficiently monitor color processes.

# X-Rite eXact Scan

## Color Control Solutions for Offset Printing

For offset litho printing, eXact Scan combined with eXact InkKeyControl software offers additional capabilities that can extend the life of older presses while improving the color quality and consistency of newer presses.

### Benefits of this solution:

- Faster make-ready
- Improved Quality Control
- Faster ROI

### BestMatch

With the BestMatch function in eXact InkKeyControl, the operator is given recommendations for ink density based on the Delta E between the reference color and the measured color, allowing operators to quickly adjust to achieve a match on press.

### eXact InkKeyControl Software

Using eXact Scan with InkKeyControl Software, you can maintain control of your ink zones in commercial offset print, reducing make-ready time, improving quality control and reducing material waste. With real-time measurement results, quickly identify problem areas and gain back process control. eXact InkKeyControl includes worldwide process control and reporting, enabling operators to use any target in the library; import palettes with patches standards and tolerances; and connect to other areas of the workflow. Full support for CxF (ISO 17972-1:2015) ensures efficient color communication across any supply chain.



## A single platform that grows with your needs

### X-Rite eXact Scan Standard

A spectrophotometer that provides full scan capabilities and ensures accurate printing of both CMYK and spot colors as well as leveraging industry standards for process control also for spot reading.

### X-Rite eXact Scan Advanced

A spectrophotometer that provides full scan capabilities and provides also for spot reading enhanced features for ink labs, quality control labs and manufacturing partners who must achieve the highest quality with the broadest toolset.

### Untethered Convenience

eXact Scan with Bluetooth\* option can be untethered, and moved around the shop, increasing its value and its return on investment.

### Optional Alignment Bars

An optional precision machined alignment bar is available for easy measurement of long color bars (2 sizes: 56cm/22" or 112cm/44").



## The M-Factor Difference

The eXact Scan enables a simultaneous scan of M0, M2, M3 with a single pass in less than a second. A simple toggle switch places the instrument in M1 measurement mode to account for optical brighteners/fluorescing agents in both substrates and inks according to ISO standards, matching D50 (Daylight) in the entire visible spectrum and conforming to the UV range metamerism index specified in ISO 3664. The combination of these capabilities in a single instrument is unique and not only delivers more accurate measurements but saves significant time in the measurement process. Other devices with D50 simulators (M1 Part Two) offer less functionality while using a true D50 source is good for measuring and reporting the impact of the standard graphic arts illumination on any material with any kind of fluorescence.

\* Bluetooth is available for CE, FCC and IC plus Australia, Chile, China, Hong Kong, Japan, New Zealand, Taiwan and India. Work with your sales representative to identify if it is available option in your region.