



PlateScope™

Introducing unsurpassed plate process control for the latest plate and screening technologies.



Printing plate manufacturers have made enormous strides in new plate technologies as the industry continues to move toward total automation. But these new technologies are only as good as the method used to verify accuracy of plates. Existing plate measurement technology has been unable to provide the necessary quality control — until now.

Introducing PlateScope from X-Rite, the unprecedented plate process control solution that enables you to gain control of your plates. The cutting-edge PlateScope represents the most accurate plate measurement system available.



PlateScope supports the latest plate and screening technologies.



Now you can accurately measure even the most difficult low-contrast, chemistry-free and processless plates. PlateScope also maintains accuracy in extreme highlights and shadows, the areas of prime concern in the printing process — and up until now, not available with any plate measurement solution.

With its patent-pending spectral illumination array, PlateScope lets you quickly see the areas you want to measure. And, because it provides full process control automation, there's no risk of error due to inaccurate manual measurements. PlateScope supports all current screening technologies, including AM, FM, XM and hybrid screen types.

Keep inconvenience at arm's length.

No more looking through targeting windows or analyzing computer monitors. PlateScope's patent-pending auto-contrast video targeting system allows you to easily identify the areas you want — even from a full arm's length away or in darker environments.

Get your plates right the first time, every time.

You no longer have to absorb rejected printing jobs caused by subjective color shift from dot gain, or plates that run with the wrong compensation curves. You can also say goodbye to the enormous costs and missed deadlines that result from plate remakes. As contone proofing converts to dot printing, you now have a process control solution that ensures your jobs are run correctly the first time — before they go to press.



Auto-contrast video targeting lets you easily see where you want to measure. PlateScope's illumination technology provides the ideal contrast for the plate, even on traditionally difficult-to-see low-latency plates.

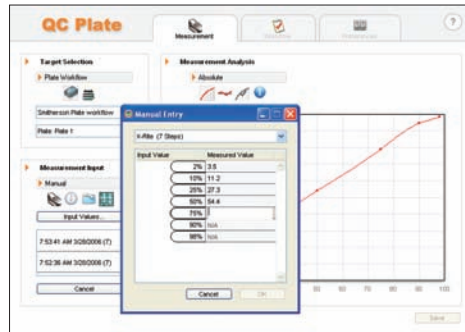


The easy-to-navigate, icon-driven color menu lets you focus on the task at hand — accurate process control of your plates



Take control of your entire workflow.

PlateScope isn't just another measurement device; it's an entire process control solution. With the included QC Plate software, you can profile your platemakers, plates, presses and paper types to automatically generate the proper gain curves and speed quality checks on plates. PlateScope represents the foundation for future industry solutions, further closing the loop between plate manufacturing and press.



PlateScope includes a powerful profiling mode that lets you capture information on all devices in the workflow, helping you get every job right the first time.

The QC Plate software included allows you to enter the gain curve profiles for all devices in the workflow. Having this information makes plate-reading a breeze.

Thoughtfully designed to give you a hand.

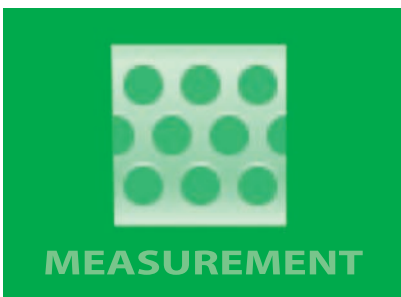
Extensive studies throughout design and development helped us manufacture an instrument that's extremely easy to handle and use. The ergonomically engineered PlateScope provides a comfortable fit, even during prolonged periods of use.



QC Plate can automatically calculate the target curve to speed measurement accuracy. You can then download the actual measurements from the PlateScope to perform trend analysis and maintain your process control workflow.



The intuitive design of PlateScope helps speed plate measurement.



Make costly mistakes a thing of the past.

Increase your profits, reduce waste and minimize errors on press by making sure your plates are right the first time, every time. With PlateScope, you'll enjoy the accuracy, reliability and consistency you need to provide your business with a critical edge in quality and customer satisfaction.

To see firsthand how PlateScope can benefit your business today and for years to come, contact your local representative today.

PlateScope v6 System Specifications

Targeting/Measurement Array	Patent-pending split-beam integrated color targeting and precision optical system
Light Source	Patent-pending wide spectral multi-point LED illumination
Measurement Time	approx. 1.5 seconds per measurement
Calibration	Factory-calibrated to custom X-Rite wedge. Supplied with calibration wedge to correlate several devices to each other.
Measurement Range	2.0 - 98.0%
Measurement Accuracy	+/- 0.5% across entire measurement range AM +/- 1.0% across entire measurement range FM
Screen Ruling Range	AM: 75-380 lpi (30-150 l/cm) FM: 10-70 microns
Measurable media	Offset printing plates: CTP and conventional, chemistry-free and processless Printed Paper: CMYK, CMYKOGV, or CMYKRGB
Display	Hi-resolution 240 x 160 24-bit color display
Power Supply	Rechargeable Ni-MH battery
Communication Port	USB2.0
Weight	30 oz.

ISO 17025
Certified

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