

Why is it important to verify?

Verification guarantees a successful, first time scan rate. Without verification, a bar code might not scan correctly. Simply scanning a bar code with a mobile scanning device does not ensure accurate bar code verification as a bar code that can be read successfully by one scanner might not be successfully read by another. By verifying, you can effectively prevent charge backs or other penalties from trading partners.

Can I use a verifier for data capture purposes?

No, a verifier should not be used for data capture purposes. The function of a verifier is to analyze the quality of a bar code. Verification instruments use special optics and software to evaluate the print quality of a bar code; they do not have the memory capacity to store scanned information.

How does a verifier work?

Verifiers provide a print-quality analysis of bar codes based on accepted industry standards. Each bar code scanned receives a grade against set criteria and specific problems are identified according to the grade assigned.

How do I know what verifier is right for me?

There are different types of verification equipment with different optical devices, including wand and laser-based units. Your working environment, the type of bar codes you are verifying and the grading system you plan to benchmark your barcodes against usually determines which type of verifier is best for your operation.

Unlike the Stratix Xaminer series, a standard laser gun verifier grades a bar code using only three of the ANSI parameters. A standard laser gun verifier is unable to measure reflectance because the laser is not positioned at a fixed distance or fixed angle.

Advanced scanning laser devices like the Stratix Xaminer series offer full ANSI verification, coupled with the easy-to-use characteristics of a standard laser gun verifier. A base assures that the needed fixed distance and angle are both present to allow for full ANSI verification. Laser-based units are best used on curved surfaces.

A wand-based unit is more diagnostic than a regular laser gun verifier, because it can also gather information to allow for full ANSI verification. It is best used on flat surfaces. A 6-mil wand should be used to verify UPC codes; however, when working with shipping codes a 10-mil or 20-mil wand is best.

What is ANSI?

ANSI is an acronym for The American National Standards Institute. It publishes the industry standards that measure bar code quality. An ANSI grade (A through F) is given to a bar code using nine different ANSI parameters that measure the quality of the symbol. Refer to ANSI Document X3.182-1990.