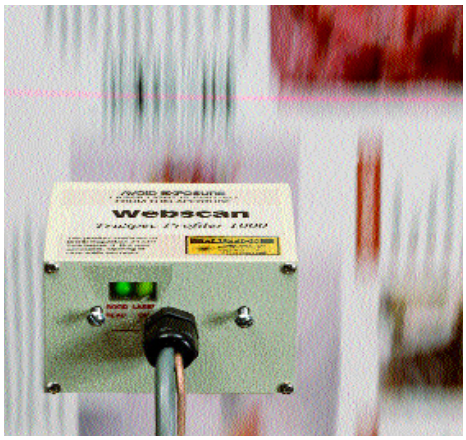
Easy, Repeatable, Accurate, Fast. Trusted.

WEBSCAN
BARCODE VERIFIERS

TruSpec

Webscan's TruSpec:
On-line Bar Code Verification



Every application. Every time.

Webscan was founded in 1995 with one singular goal: *to design and build the world's most accurate bar code verification systems.* Through optical, mechanical, and electronic technologies, Webscan has earned an international reputation for delivering ease-of-use and unsurpassed accuracy, across every bar code application, every time. Today, leading packaging producers, defense, pharmaceutical companies, and retailers worldwide trust Webscan to be sure every bar code that goes to market is good.

TruSpec™ – True to the specification

Patented TruSpec technology leads the way with on-line verification. This breakthrough technology reports all ANSI parameters including those which require analysis of the scan reflectance profile. Webscan's Profiler laser scanner technology generates the proper optical conditions that correlate to end-use laser scanners, including the effect of laser color and the optical process of substrate scattering. The Webscan TruSpec system is engineered to comply with ANSI X3.182-1990 methodology and calibrated to NIST traceable standards.

On-line is better!

With continuous feedback, on-line ANSI grading provides the best opportunity to catch printing problems as they occur. Print quality can be corrected before bar codes fail to scan with an early warning of degrading quality. This means less waste and no product claims from your customers. And with continuous monitoring throughout the run, you can be sure of the quality inside every roll you deliver to your customer.

Fixed mounting on press means all measurements are stable and repeatable job-to-job, operator-to-operator, shift-to-shift. No more hassles with hand-held verifiers! At any time during production you can see the total number of codes scanned and how they were ANSI graded on the display. The distribution of grades can also be printed out for each individual roll or as a job summary. It is not unusual to see hundreds of thousands of codes verified in a job!

Practical benefits for process control

With continuous feedback from the web, TruSpec systems have proven valuable as an on-line process control device. Throughout changing process conditions (press speed changes and ink and substrate variations), the operator gets real-time information which helps reduce waste and improve overall print quality.

Flexographic printers using the TruSpec system report that bar width growth measurements allow continuous feedback on impression and plate swell throughout the run. In addition, contrast measurements correlate to the white ink opacity backing a bar code on clear film. The contrast measurements made by the TruSpec laser are absolute with a stable light source and fixed geometry. An operator can monitor and be alerted to decreasing background ink opacity by the Webscan system.

TruSpec

SPECIFICATIONS

TruSpec Models

- Model 25: For narrow web presses running up to 500 FPM
- Model 100: For wide web presses up to 1,200 FPM

Symbologies:
UPC/EAN (UPC-A, UPC-E, EAN-13, EAN-8), Code 39, Interleaved 2 of 5, Code 128

Laser:

- Power: 117VAC 650VA
- Light Source: 675 nm laser diode
- Laser Class: CDRH Class II

Options:

- NEMA 12 Electronics enclosure
- Industrial spool printer
- Beacon warning light
- Sequential and variable code validation

Dimensions	CPU	Scanner
Height	7″	2″
Width	16″	3″
Depth	16″	2.75″

Performance:

Web Speed	Model 100	Model 25
Max	1,200 FPM	500 FPM
100% UPC Scans	750 FPM	300 FPM

Decoding/Grading Analysis Specifications
Full ANSI Grading A, B, C, D, F:
Edge Determination, Minimum Reflectance, Symbol Contrast, Minimum Edge Contrast, Modulation, ANSI Defects, ANSI Reference Decode, ANSI Decodability and Quiet Zone. Traditional Parameters: Contrast (PCS, MRD), Bar Width Growth Percent.

Outputs

- On screen and printed reports
- Reports saved to floppy disk
- RS232 output
- Relay output control

Physical Characteristics:

- Display: Color 14 inch CRT
- Keyboard: 101 key

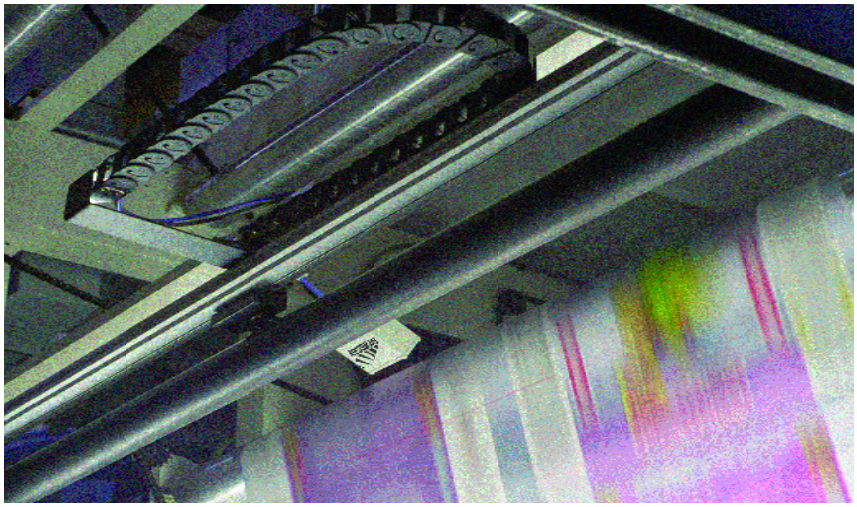
Variable or sequential codes

Whether you print a static code, an incrementing sequence, or a random database of codes, the TruSpec system will track each code and validate that the bar code contains the correct data. Not only will print quality be ANSI graded, but missing or wrong codes will be detected!

Easy to define sequences with prefix, middle and suffix fields allow data in most standard formats to be specified. This allows the system to automatically determine the next code to appear in the sequence. For random databases, a simple text file is loaded into the system to define the sequence of codes. You can have complete confidence in the integrity of the printed job against the input database.

Webscan commitment

Since 1995, Webscan has been solely focused on designing and manufacturing the world's most accurate and reliable bar code verification equipment. We have earned the reputation as industry experts from our work on standards committees and customer support. With Webscan you know your codes are being verified properly and your customers will recognize your commitment to bar code quality.



Laser scanning at up to 2250 times per second, the TruSpec gives 10 scan coverage of UPC symbols at 1000 feet per minute.

For more information, please contact:

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