

RJS Inspector® 5000

Bar Code Verifier by



Features

- Dual Mode Portable Bar Code Verifier
 - ISO/ANSI Mode Operation (Auto-Optic scanner)
 - Laser Gun Mode Operation (CR3 Laser scanner)
- Multiple apertures and light wavelengths (set via menu selections)
- Traceable to NIST (National Institute of Standards and Technology)
- Conforms to ISO15426-1 and follows the ISO15416 and ANSI X3.182 Bar Code Inspection Method
(Auto-Optic scanner only)
- Auto-discriminates between all popular symbologies
- Large color LCD display
- Viewable Scan Reflectance Profile with color coded Modulation, Decodability, and Defects
- Narrow bar width calculator
- Integrated lithium ion battery
- Field upgradeable firmware (free lifetime software upgrades)
- Searchable database storage (1,000 inspection record)

ISO/ANSI Mode Operation

The patented Auto-Optic scanner is the industry's most flexible ISO/ANSI method verifier. Key features include a patented Auto-Optic scan head that allows for eight optical arrangements settable via menu selection for four aperture sizes and two wavelengths of light. Repeatability between units is outstanding, making the Inspector® 5000 an ideal choice for a standardized company-wide ISO/ANSI method verifier.

Laser Gun Mode Operation

A CR3 Laser scanner is an extremely easy to use point-and-shoot verifier. It requires virtually no user training and analyzes the ISO/ANSI Decodability parameter that is traceable to the ISO/ANSI standards. Other features include continuous mode (percent of decode) and bar code data match.

The Inspector® 5000 the new verifier from RJS

The Inspector® 5000 meets the International Organization for Standardization's "Bar Code Print Quality Test Specification" (ISO 15416), the American National Standard Institute's "Guideline for Bar Code Quality" (ANSI X3.182-1990), the Uniform Code Council (UCC), and the CEN specifications regarding verification methods and methodology. It also meets International Organization for Standardization's "Bar Code Verifier Conformance Specification" (ISO 15426-1).

This truly unique and powerful instrument is also easy to use. All the popular linear symbologies are supported. Store and print capability (1,000 scans), multiple scan averaging and sub-symbology choices are easily accessed through a simple seven-button user interface. Analysis information appears immediately on a large LCD display. Detailed bar code encode data and a color coded scan reflectance profile (indicating Decodability, Modulation, and Defects) make troubleshooting very easy. Lifetime free firmware upgrades can be downloaded and installed to keep up with the latest standards.

Two patented Auto-Optic scan head versions are available; 3, 6, 10, 20 mil or 3, 5, 10, 20 mil aperture choices. Both versions provide red (660 nm) and infrared (925nm) light wavelength selections.

If needed, a detailed hard copy printout can be produced from the Inspector® 5000 using an optional direct thermal printer or inspection data can also be sent to computer using an optional VCIR option. This allows verification results to be printed, saved, or transferred to other applications.

This equipment and its documentation were developed to fit into your company's existing ISO 9000/9001/9002 policies and procedures.



Inspector 5000 Auto Optic and Laser

Features

ISO/ANSI scan profile (SRP) test method	Y
Instant "On-Screen" ISO/ANSI grade	Y
ISO/ANSI 10-scan grade averaging	Y
Color coded SRP, with Decodability, Modulation, Defects	Y
Special reflectometer mode	Y
Auto-switch Symbologies	Y
Change aperture/wavelength from menu	Y
Automatic power off	Y
Data buffer	Y
Command code programming	N
Detail hardcopy printout (optional)	Y

Verification Methods

Parameters determined by ISO/ANSI bar code print quality guidelines and traditional pass/fail criteria.

	Auto Optic	Laser Gun
ISO	Y	N
ANSI	Y	N
Bar/Space Measurements	Y	Y
Industry Applications:		
SCC Retail	Y	Y
U.P.C Coupon Code	Y	Y
AIAG (Automotive)	Y	Y
LOGMARS (Government)	Y	Y
HIBCC (Health)	Y	Y
SISAC (Serials Coding)	N	N
CTIA/ABCD (Computer)	N	N
Bookland (Books)	Y	Y
CCBBA (Blood Bank)	N	N

Dimensions

Height:	2.3 in. (5.7 cm)
Width:	4.3 in. (10.8 cm)
Length:	9.1 in. (23.2 cm)

Mechanical

Weight:	14 ounces (400 g)
Power:	Internal Lithium Ion and AC Charger
Case:	Acrylonitrile Butadiene Styrene (ABS)
Beeper:	Audible tones indicate an audible pass/fail and low battery
Display:	1/4 VGA Color LCD
Keypad:	7-button, On, Print, Up, Down, Left, Right Select

Environmental

Operating Temperature:	40 to 122° F (5 to 50° C)
Storage Temperature:	14 to 158° F (-20 to 70°C)
Relative Humidity:	5% to 95% Non-condensing

Optical:

Test Aperture:	Laser Gun: minimum 'X' dimension 5 mil Auto-Optic option A: 3, 5, 10, or 20 mil Auto-Optic option B: 3, 6, 10, or 20 mil
Wavelegth:	Visible: 660nm Infrared: 925nm

Symbologies:

EAN/UPC with addenda, Code 39, Interleaved 2 of 5, ITF-14, Codabar, Code 128, GS1-128, Regular 2 of 5 (Discrete/Industrial 2 of 5), HIBC, Code 93

Safety/Regulatory:

FCC Class A, CE Certified



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