

# Inspector® 3000 Series

Bar Code Verifier by 



## Features

- Traceable to NIST (National Institute of Standards and Technology)
- Follows the ISO15416 and ANSI X3.182 Bar Code Inspection Method
- Conforms to ISO15426-1 Bar Code Verifier Specification
- Auto-discriminates between all popular symbologies
- Bidirectional scanning
- Multiple scan averaging
- Traditional analysis also provided

## The Inspector® 3000 is the lowest price ISO/ANSI verifier from RJS

The Inspector® I-3000 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, multiple scan averaging and sub-symbology choices are easily accessed through a simple four-button user interface. Analysis information appears immediately on a 32-character alphanumeric liquid crystal display (LCD). A distinct audible tone and a series of five colored LED's indicate whether a bar code is in or out of specification.

In addition to the ISO/ANSI method parameters, traditional analysis parameters are provided on the LCD without a special mode setting.

To accommodate varying label densities, interchangeable wands allow a user to select the appropriate aperture. Two wand choices are available – 6 mil and 10 mil aperture, both with red (660 nm) light wavelength.

If needed, a detailed hard copy printout can be produced from the Inspector® I-3000 using an optional direct thermal printer or inspection data can also be sent to computer using an optional VCI 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.*

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INSPECTOR 3000
Revision 8.01
10-Scan Average Analysis
Interlvd 2of5
010101

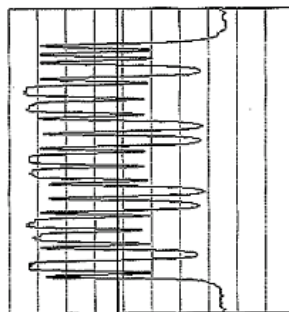
Scan Profile Analysis
Reference Decod...A
Decodability...82%..A
Symbol Contrast...71%..A
Ref1(MIN)/Ref1(MAX)...0%..A
Edge Contrast(MIN)...35%..A
Modulation...49%..D
Defects...07%..A
Application Compliance...A

OVERALL SYMBOL GRADE
C/10/660 1-C/10/660

Traditional Analysis
Acceptable
-100% Tol. +100%
-----+R+*****

Wide/Narrow Ratio...2.7 PASS
Print Contrast Signal...91% PASS
Required PDS...75%
Element Refl.(MAX)...69% PASS
Reflectance(MIN)...88% PASS

Pass/Fail Analysis
Passing Grade Selected...C
Final Results...+PASS*
```



Sample printout from the optional thermal printer



[www.autoidsolutions.net](http://www.autoidsolutions.net)

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# Inspector® 3000 Series

## Features

ISO/ANSI scan profile test method	Y
Instant "On-Screen" ISO/ANSI grade	Y
ISO/ANSI 10-scan grade averaging	Y
Traditional test method	Y
Special reflectometer mode	Y
Auto-switch Symbologies	Y
Change aperture/wavelength from menu	N
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. Refer to model matrix below for configurations.

	<u>I-3000</u>
ISO	Y
ANSI	Y
Traditional	Y
Industry Applications:	
SCC Retail	Y
U.P.C Coupon Code	Y
AIAG (Automotive)	Y
LOGMARS (Government)	Y
HIBCC (Health)	Y
SISAC (Serials Coding)	N
CTIA/ABCD (Computer)	N
Bookland (Books)	Y
CCBBA (Blood Bank)	N

## Dimensions

<b>Height:</b>	1.9 in. (4.8 cm)
<b>Width:</b>	4.6 in. (11.7 cm)
<b>Length:</b>	7.8 in. (19.8 cm)

## Mechanical

<b>Weight:</b>	16 ounces (454 g)
<b>Power:</b>	4 AA NiCad batteries and AC Charger
<b>Case:</b>	Acrylonitrile Butadiene Styrene (ABS)
<b>Beeper:</b>	Audible tones indicate an audible pass/fail and low battery
<b>Display:</b>	4 line X 8 character LCD
<b>Keypad:</b>	4-button, on, select, enter, print
<b>LEDs:</b>	5 LEDs (two red, one yellow, and two green)

## Environmental

<b>Operating Temperature:</b>	32 to 122° F (0 to 50° C)
<b>Storage Temperature:</b>	14 to 158° F (-20 to 70° C)
<b>Relative Humidity:</b>	5% to 95% Non-condensing

## Optical

When ordering Inspector 3000 Series verifiers, choose the applicable aperture size

<b>Test Aperture:</b>	6 or 10 mil
<b>Wavelength:</b>	Visible: 660nm

## Symbologies

EAN/UPC with addenda, Code 39, Interleaved 2 of 5, Codabar, Code 128, Regular 2 of 5 (Discrete/Industrial 2 of 5)

## Safety/Regulatory

FCC Class A, CE Certified



Inspector is a registered trademark of Printronix Corporation in the United States and/or other countries.



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