Inspector 4000

Bar Code Verifier

Auto Optic:
Eight Optical Configurations

For Legacy Code 93 Users

The Inspector 4000 is the industry's most flexible and cost-effective ISO / ANSI bar code verifier for users who need to inspect Code 93 bar codes in addition to other standard linear bar codes.

This unit comes with a patented Auto-Optic scan head with four aperture sizes and two light wavelengths (eight different optical configurations).

Printed reports can also be generated, using the optional direct thermal printing unit.

Features

- Portability: ISO / ANSI Mode Operation Using the Auto-Optic
- Multiple Apertures and Light Wavelengths for Eight (8) Different Optical Configurations
- Traceable to the National Institute of Standards and Technology (NIST)
- Follows the ISO15416 and ANSI X3.182 Bar Code Inspection Methods
- Conforms to ISO15426-1 Bar Code Verifier Specification
- Auto-discriminates Between All Popular Symbologies
- Bi-directional Scanning AND Multiple Scan Averaging
- Traditional Analysis and Reporting

This flexible and cost-effective unit is also easy to use, and supports all popular linear symbologies. The RJS Inspector 4000 offers store and print capability, multiple scan averaging, and sub-symbology choices —all easily accessible through a simple four-button user interface.

Bar code analysis information appears immediately on the 32-character alphanumeric liquid crystal display (LCD), and a distinct audible tone and a series of five colored LEDs 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.

Note: This model is only recommended for existing Inspector 4000 applications or new applications involving Code 93 symbols. For all other new applications the Inspector D4000 with an Auto-optic option is recommended.

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Features

- ISO/ANSI Scan Profile Test Method
- Instant "On-Screen" ISO/ANSI Grade
- ISO/ANSI 10-scan Averaging
- Traditional Test Method
- Reflectometer Mode
- Auto-switch Symbologies
- Aperture/Wavelength selection via menu option
- Automatic Power Off
- Inspection Report Storage Buffer
- Detailed Hardcopy Printout (optional)

Verification Methods

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

	Auto-Optic
ISO	Y
ANSI	Y
Traditional	Y
Industry Applications	
SCC Retail	Y
U.P.C. Coupon Code	Y
AIAG (Automotive)	Y
LOGMARS (Government)	Y
HIBCC (Healthcare)	Y
Bookland (Books)	Y

Dimensions

Dimensions	Body	Auto Optic (excluding cord)
Height:	1.9 in. (4.8 cm)	3.2 in. (8.1 cm)
Width:	4.6 in. (11.7 cm)	1.9 in. (4.8 cm)
Length:	7.8 in. (19.8 cm)	5.8 in. (14.7 cm)

Mechanical

Weight:	26.5 ounces (751 g)
Power:	4 AA Alkaline or NiCad batteries and AC Charger (optional)
Case:	Acrylonitrile Butadiene Styrene (ABS)
Beeper:	Audible tones indicate an audible pass/fail and low
Display:	4 line X 8 character LCD
Keypad:	4-button, on, select, enter, print
LEDs:	5 LEDs (two red, one yellow, and two green)

Environmental

Operating Temperature:	50° to 105° F (10° to 40° C)
Storage Temperature:	14° to 158° F (-20° to 50° C)
Relative Humidity:	5% to 80% Non-condensing

Optical

Test Aperture:	Auto-Optic option A: 3, 5, 10, and 20 mil
	Auto-Optic option B: 3, 6, 10, and 20 mil
Wavelength:	Visible: 660nm
	Infrared: 925nm

Symbologies

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

Regulatory

FCC Class A, CE Certified

CE