

# Inspector D4000L

Bar Code Verifier  
by RJS TECHNOLOGIES



**Laser Scanner:**  
Simple Point-and-Shoot

## Flexible & Cost Effective

The Inspector D4000 is the industry's most flexible and cost-effective traditional bar code verifier.

This unit comes with your choice of a traditional laser scanner, for point-and-shoot simplicity or an optional 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

- Dual Mode Portability: Traditional Operation, or ISO / ANSI Mode Operation (optional auto-optic required)
- Non-Contact Point-and-Shoot Bar Code Capture
- Database Product Look-up
- Print Gain Measurement
- Auto-discriminates Between All Popular Symbolologies
- Multiple Scan Averaging
- Follows the ISO15416 and ANSI X3.182 Bar Code Inspection Methods (*auto-optic scan head only*)
- Conforms to ISO15426-1 Bar Code Verifier Specification (*auto-optic scan head only*)
- Option for Full ISO/ANSI inspection and Reporting

This flexible and cost-effective unit is also easy to use, and supports all popular linear symbolologies. The RJS D4000 offers store and print capability, multiple scan averaging, and sub-symbolology 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.



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## Features

- Traditional Test Method
- Database Product Lookup
- Print Gain Measurement
- Auto-switch Symbologies
- Automatic Power Off
- Inspection Report Storage Buffer
- ISO/ANSI Scan Profile Test Method (optional)
- ISO/ANSI 10-scan Averaging (optional)
- Aperture/Wavelength selection via menu option (optional)
- Detailed Hardcopy Printout (optional)

## Verification Methods

Parameters determined by ISO/ANSI bar code print quality guidelines and traditional pass/fail criteria. Refer to model matrix below for configurations.

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

| Dimensions     | Body              | Laser Scanner (excluding cord) |
|----------------|-------------------|--------------------------------|
| <b>Height:</b> | 1.9 in. (4.8 cm)  | 3.5 in. (8.9 cm)               |
| <b>Width:</b>  | 4.6 in. (11.7 cm) | 2.7 in. (6.9 cm)               |
| <b>Length:</b> | 7.8 in. (19.8 cm) | 7.1 in. (18.0 cm)              |

## Mechanical

|                 |   |
|-----------------|---|
| <b>Weight:</b>  | 21.4 ounces (607 g)   |
| <b>Power:</b>   | 4 AA Alkaline or NiCad batteries and AC Charger (optional)  |
| <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> | 50° to 105° F (10° to 40° C)  |
| <b>Storage Temperature:</b>   | 14° to 158° F (-20° to 50° C) |
| <b>Relative Humidity:</b>     | 5% to 80% Non-condensing      |

## Optical

|                       |  |
|-----------------------|--|
| <b>Test Aperture:</b> | Laser Scanner: minimum 'X' dimension 5 mil<br>Auto-Optic option A: 3, 5, 10, and 20 mil (optional)<br>Auto-Optic option B: 3, 6, 10, and 20 mil (optional) |
| <b>Wavelength:</b>    | Visible: 660nm<br>Infrared: 925nm (optional)   |

## Symbologies

EAN/UPC with addenda, Code 39, Interleaved 2 of 5, Codabar, Code 128, GS1-128 (All AIs), Regular 2 of 5 (Discrete/Industrial 2 of 5)

## Regulatory

FCC Class A, CE Certified



## Optional Accessories



Optional Auto Optic  
P/N: 002-7852 (3,6,10,20 mil)  
or  
P/N: 002-7853 (3,5,10,20 mil)



Optional Battery Charger  
P/N: 002-1425 (110V)  
or  
002-1617 (220V)



Optional Report Printer  
P/N: 002-9018 (110V)  
or  
002-7181 (220V)

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