

Inspector D4000L

Bar Code Verifier
by RJS TECHNOLOGIES



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.

Laser Scanner:

Simple Point-and-Shoot

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-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.



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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) |
|------------|-------------------|--------------------------------|
| Height: | 1.9 in. (4.8 cm) | 3.5 in. (8.9 cm) |
| Width: | 4.6 in. (11.7 cm) | 2.7 in. (6.9 cm) |
| Length: | 7.8 in. (19.8 cm) | 7.1 in. (18.0 cm) |

Mechanical

| | |
|----------|---|
| Weight: | 21.4 ounces (607 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 battery |
| 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: | Laser Scanner: minimum 'X' dimension 5 mil Auto-Optic option A: 3, 5, 10, and 20 mil (optional) Auto-Optic option B: 3, 6, 10, and 20 mil (optional) |
| Wavelength: | Visible: 660nm Infrared: 925nm (optional) |

Symbologies

EAN/UPC with addenda, Code 39, Interleaved 2 of 5, Codabar, Code 128, 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: 002-1452 (110V)
or
002-1617 (220V)



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

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