Inspector D4000A
Bar Code Verifier
by RJS TECHNOLOGIES

Flexible & Cost Effective
The Inspector D4000 is the industry’s most flexible and cost-effective ISO / ANSI bar code verifier.

This unit comes with your choice of a patented Auto-Optic scan head with four aperture sizes and two light wavelengths (eight different optical configurations) or an optional traditional laser scanner, for point-and-shoot simplicity.

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

Features

- Dual Mode Portability: ISO / ANSI Mode Operation, or Traditional Operation (optional laser scanner required)
- 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 (auto-optic scan head only)
- Conforms to ISO15426-1 Bar Code Verifier Specification (auto-optic scan head only)
- Auto-discriminates Between All Popular Symbologies
- Bi-directional Scanning AND Multiple Scan Averaging
- Option for Traditional Analysis and Reporting

This flexible and cost-effective unit is also easy to use, and supports all popular linear symbologies. 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.
# Inspector D4000A

**Bar Code Verifier**

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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. Refer to model matrix below for configurations.

### Auto-Optic    Laser Scanner (optional)
<table>
<thead>
<tr>
<th>ISO</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Traditional</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Industry Applications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCC Retail</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>U.P.C. Coupon Code</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>AIAG (Automotive)</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>LOGMARS (Government)</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>HIBCC (Healthcare)</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Bookland (Books)</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

## Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Body</th>
<th>Auto Optic (excluding cord)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>1.9 in. (4.8 cm)</td>
<td>3.2 in. (8.1 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>4.6 in. (11.7 cm)</td>
<td>1.9 in. (4.8 cm)</td>
</tr>
<tr>
<td>Length</td>
<td>7.8 in. (19.8 cm)</td>
<td>5.8 in. (14.7 cm)</td>
</tr>
</tbody>
</table>

## Mechanical
- Weight: 26.5 ounces (751 g)
- Power: 4 AA Alkaline or NiCad batteries and AC Charger (optional)
- Case: Acrylonitrile Butadiene Styrene (ABS)
- Beep: 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
  - Laser Scanner: minimum ‘X’ dimension 5 mil (optional)
- Wavelength: Visible: 660nm
  - Infrared: 925nm

## Symbologies
- EAN/UPC with addenda, Code 39, Interleaved 2 of 5, Codabar, Code 128, GS1-128 (AI 00 and AI 01 only), Regular 2 of 5 (Discrete/Industrial 2 of 5)

## Regulatory
- FCC Class A, CE Certified

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