Inspector 5000 2D

Bar Code Verifier

by RJS TECHNOLOGIES



2D Camera

Variable Aperture Optics

Simple and Fast

The Inspector 5000 is the industry's most flexible and newest ISO/ANSI bar code verifier.

This unit comes with a 2D camera with automatic variable aperture, or you can manually override and enter your choice of aperture. It is also compatible with the optional Auto-Optic scan head or traditional laser scanner for point-and-shoot.

Printed reports can also be generated using the optional direct thermal printer or VCIR PC software.

Features

- Triple Mode Portable Bar Code Verifier (optional Auto Optic or Laser Scanner)
- 4.0" (10.2 cm) x 3.0" (7.6 cm) field of view (Linear codes – 10 mil min. NBW and 2D codes 12 mil min. module size)
- Auto-discriminates between all popular symbologies
- Large color LCD display
- Viewable Scan Reflectance Profile, with highlited and color coded Decodability, Modulation, and Defects issues
- Bar coded data is broken down and explained in detail
- Instructions and bar code quality explanations displayed on the LCD screen
- Narrow bar width calculator
- Integrated lithium ion battery
- Field upgradeable firmware (free lifetime software upgrades)
- Searchable database storage (1,000 inspection record) with time/date stamp

This fast and simple to use unit is also supports all popular linear symbologies plus Datamatrix and QR code (future release). The RJS Inspector 5000 offers store and print capability, mutliple scan averaging - all easily accessible through a simple seven button interface.

Bar code analysis information appears immediately on the large color liquid crystal display (LCD), and a distinct audible tone and Pass/Fail screen indicate whether a bar code is in or out of specification. Detailed troubleshooting is provided with color coded results fields and simple on screen information.

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Features

- Full ISO/ANSI results: 1D (linear) and 2D (Datamatrix and QR Code)
- Print Gain Measurement
- Auto-switch Symbologies
- Narrow Bar Width calculator
- Inspection Report Storage Buffer
- ISO/ANSI Scan Profile Test Method
- ISO/ANSI Automatic Scan Averaging
- 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.

	2D Camera	Auto-Optic	Laser Scanner (optional)
ISO	Y	Y	N
ANSI	Y	Y	N
Traditional	Y	Y	Y
Industry Applications			
SCC Retail	Y	Y	Y
U.P.C. Coupon Code	Y	Y	Y
AIAG (Automotive)	Y	Y	Y
LOGMARS (Government)	Y	Y	Y
HIBCC (Healthcare)	Y	Y	Y
Bookland (Books)	Y	Y	Y

Dimensions

Body	*2D Camera (excluding cord)*
Height: 1.9 in. (4.8 cm)	6.2 in. (15.7 cm)
Width: 4.6 in. (11.7 cm)	6.0 in. (15.2 cm)
Length: 7.8 in. (19.8 cm)	6.5 in. (16.5 cm)

Mechanical

Weight:	22.9 ounces (650 g)
Power:	Internal Lithium Ion battery pack
Case:	Acrylonitrile Butadiene Styrene (ABS)
Beeper:	Audible tones indicate an audible pass/fail and low battery
Display:	1/4 VGA Color LCD
Keypad:	7 buttons (On, Print, Up, Down, Left, Right, and Select)
LEDs:	5 Simulated LEDs (two read, 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:	2D Camera: Variable Auto-Optic option A: 3, 5, 10, and 20 mil (optional) Auto-Optic option B: 3, 6, 10, and 20 mil (optiona) Laser Scanner: minimum 'X' dimension 5 mil (optional)
Wavelength:	Visible: 660nm

Symbologies

EAN/UPC with addenda, Code 39, Code 93, Interleaved 2 of 5, ITF-14, Codabar, Code 128, EAN/UCC-128, UCC/EAN-128, GS1-128 (All AIs), AIAG, HIBC, Datamatrix, GS1-Datamatrix, QR Code, GS1-QR Code

Regulatory

FCC Class A, CE Certified

CE

Optional Accessories



Optional Laser
P/N: 002-7859



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

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