RJS Laser Inspector® 1000 Series

Bar Code Verifier by RJS

The Laser Inspector® 1000 is the easiest traditional verifier from RJS

The Laser Inspector® 1000 follows the International Organization for Standardization's "Bar Code Print Quality Test Specification (ISO 15416), the American National Standard Institute's "Guideline for Bar Code Quality' (ANSI X3.182-1990), the Uniform Code Council (UCC), and the CEN specifications regarding the decodability calculation method. It does NOT meet the International Organization for Standardization's "Bar Code Verifier Conformance Specification" (ISO 15426-1), since only one parameter is tested.

Designed for maximum ease of use, even traditionally hard to verify bar codes such as high density codes with 5 mil (.13mm) X dimensions and codes on irregular, wet, shiny, laminated, or moving surfaces are accurately analyzed.

The L1000 supports all the popular linear bar code symbologies.

Additionally, the L1000 contains 20K bytes of non-volatile memory that can be allocated in 5K byte segments for store and print and/or database capabilities.

The store and print data is accessible through a serial communications port. The database feature allows a 32-character alphanumeric liquid crystal display (LCD) to display a programmed, alphanumeric message directly related to the data in the bar code that is being analyzed.

If needed, a detailed hard copy printout can be produced from the LI-1000 using an optional direct thermal printer or inspection data can also be sent to computer using an optional VCI option. This allows verification results to be printed, saved, or transferred to other applications.

Features
- Follows the ISO15416 and ANSI X3.182 Bar Code Inspection Method (decodability only)
- Auto-discriminates between all popular symbologies
- Multiple scan averaging
- Traditional analysis

A Laser Inspector® 1000 scanner is an extremely easy to use point-and-shoot verifier. It requires virtually no user training - basic scanning instructions are placed on the scanner. The L1000 analyzes the essential traditional verification parameters including average bar deviation, quiet zones, encodation check, mod check, and ratio where applicable. It also provides an ISO/ANSI decodability analysis that is traceable to the standards. Features include continuous mode (percent of decode), data match mode and database information.

NOTE: **This model is only recommended for existing L1000 applications or new applications involving Code 93 symbols**. **For all other new applications the Inspector D4000 with a Laser Gun option is recommended**.

auto ID solutions

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Features

ISO/ANSI scan profile test method	N
Instant "On-Screen" ISO/ANSI grade	N
ISO/ANSI 10-scan grade averaging	Y
Traditional test method	Y
Special reflectometer mode	N
Auto-switch Symbologies	Y
Change aperture/wavelength from menu	N
Automatic power off	Y
Data buffer	Y
Command code programming	N
Detail hardcopy printout (optional)	Y

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 Gun
ISO	N
ANSI	N
Traditional	Y
Industry Applications:	
SCC Retail	Y
U.P.C Coupon Code	Y
AIAG (Automotive)	Y
LOGMARS (Government)	Y
HIBCC (Health)	Y
SISAC (Serials Coding)	N
CTIA/ABCD (Computer)	N
Bookland (Books)	Y
CCBBA (Blood Bank)	N

Dimensions

Height:	1.9 in. (4.8 cm)
Width:	4.6 in. (11.7 cm)
Length:	7.8 in. (19.8 cm)

Mechanical

Weight:	16 ounces (454 g)
Power:	4 AA Alkaline (optional NiCad batteries and AC Charger)
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:	32 to 122° F (0 to 50° C)
Storage Temperature:	14 to 158° F (-20 to 70°C)
Relative Humidity:	5% to 95% Non-condensing

Optical:

Test Aperture:	Laser Gun: minimum 'X' dimension 5 mil
Wavelegth:	Visible: 660nm

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)

Safety/Regulatory:

FCC Class A, CE Certified

C E

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