



Standard Configuration Includes

- LVS® 7500 Software with License Dongle
- Calibration Card (NIST Traceable)
- Read Head
- Sensor and Encoder (785 PPR)
- Base Plate
- Mounting Bracket
- Adjustable Docking Plate
- USB Cable 2.0 Certified 6 feet (1.8 m)
- Power Supply 5V
- Power Cord (for United States customers only)
- Stop Motion Interface Unit
- Two Allen Keys
- 21-CFR Part 11 Compliant Ready
- LVS® 7500 Operations Manual, Installation Guide
- 1 Year Workmanship Warranty

Options

- 5.4" (138mm) Read Head
- Light Tower with Interface
- Internal Rewind Bracket
- Motor driven take up nip roll (designed for fan-fold)
- HMI – Multi 7500 system Interface and Display

Characteristics

5.4" (137 mm) Read Head:

- Maximum readable label width: 5.4" (137 mm)
- Maximum width of web: 5.7" (145 mm)

Minimum PC Requirements (PC Supplied by Customer)

- Intel® Core™ 2 Duo Processor (or equivalent)
- 2 GB RAM
- 80 GB Hard Drive
- 1280 x 1024 Screen Resolution
- USB 2.0
- Microsoft Windows® XP Professional or Windows® 7. Windows® Vista is not supported.

Supported Symbolologies

- | | |
|----------------|---------------------|
| Code 39 | GS1-Databar-14 |
| I 2 of 5 (ITF) | GS1-Databar Stacked |
| GS1-128 | GS1-Databar Limited |
| Code 128 | GS1 128 with CCA |
| Code 93 | GS1 128 with CCB |
| Codabar | GS1 128 with CCC |
| UPC-A | Data Matrix |
| UPC-E | QR Code |
| EAN-8 | Aztec Code |
| EAN-13 | Plus Others |

International Standards

- ISO/IEC 15426 – 1 & 2
- ISO/IEC 15415
- ISO/IEC 15416
- All supported ISO/IEC symbology specifications



your solution – our focus

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ISO Verification

Verify	Any combination of linear, matrix or stacked codes to ISO Print Quality Standards including: • ISO/IEC 15416:2000(E) - Linear Verifier Conformance • ISO/IEC 15415:2004(E) - 2-Dimensional Verifier Conformance
Orientation & Number	Any orientation and number of codes on a label
Read and Analyze	1D and 2D to published International specifications, with an overall ISO (ANSI) grade
Minimum 1D NBW	Read only: 6.3 Mils (.0063") (.160 mm) Verification: 8.8 Mils (.0088") (.223 mm)
Minimum 2D Cell Size	Read only: 10.0 Mils (.0100") (.254 mm) Verification: 12.5 Mils (.0125") (.317 mm)
Reporting	Detailed data to be reported is in .csv format for extraction by the end user. Immediate reporting is available for viewing via the monitor and Light Tower if utilized.

LVS® reserves the right to change or modify this information without prior notice. 7/16/12

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**100%
PRINT QUALITY
INSPECTION**

**Ensure Accuracy
and Data Integrity
on Each Label**

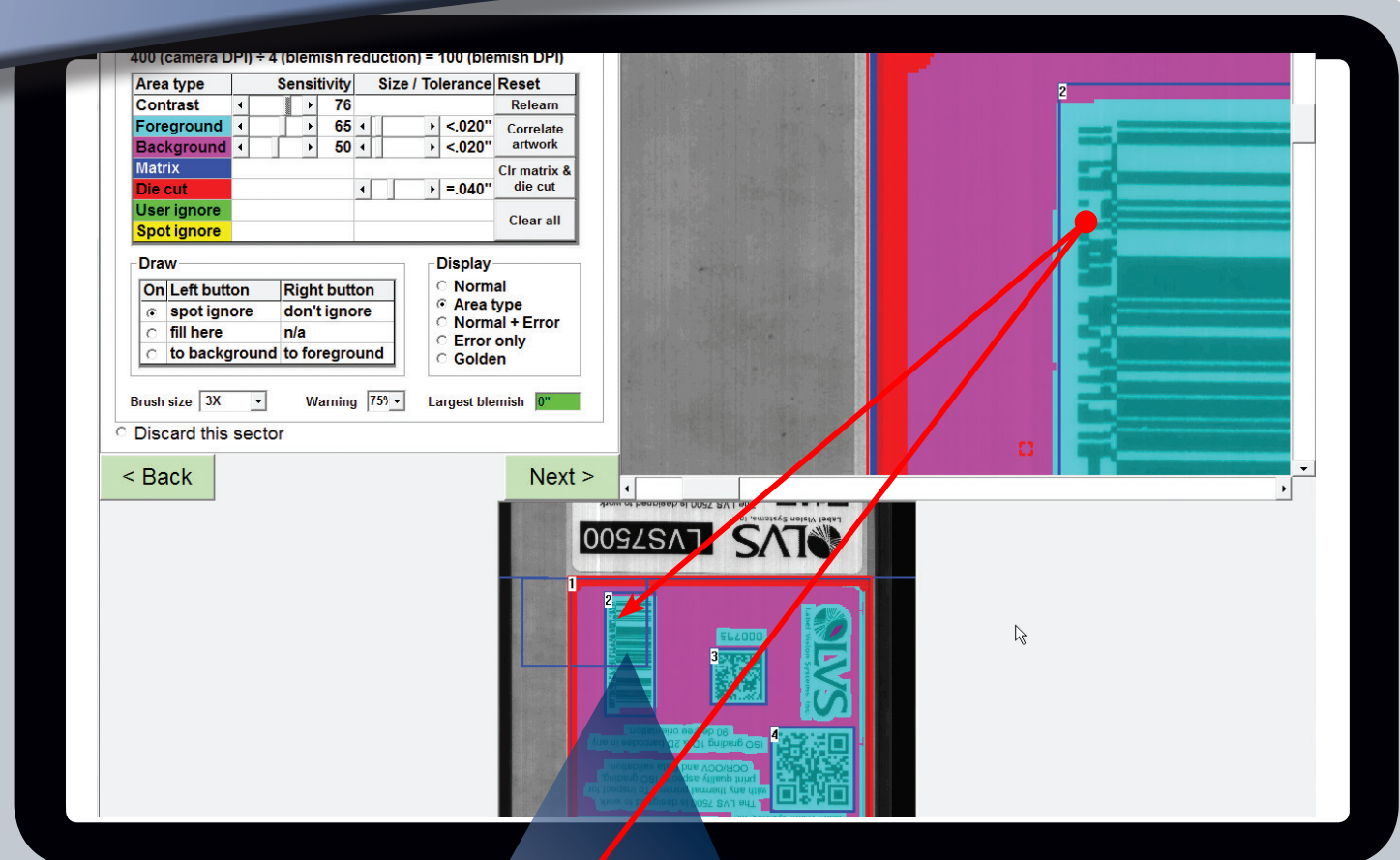


- Identify Defects
- Eliminate Fines & Disputes
- Reduce Rework
- Control Waste
- Avoid Liability

Ideal Applications:

- Pharmaceuticals
- Medical Devices
- Clinical Trials
- Contract Packaging
- Manufacturing
- Label Converting

True 100% INSPECTION with the LVS® 7500 System



LVS® 7500 CAPABILITIES

Bar Code Validation

(Reading of 1D and 2D Codes)

Bar Code Validation inspects codes to determine if they are "readable." No attempt is made to grade according to any standard.

Bar Code Verification

(Grading of 1D and 2D Codes)

Bar Code Verification inspects any combination of 1D and 2D codes and grades them using internationally accepted standards. The software displays a real-time graph indicating the overall ISO grade allowing the



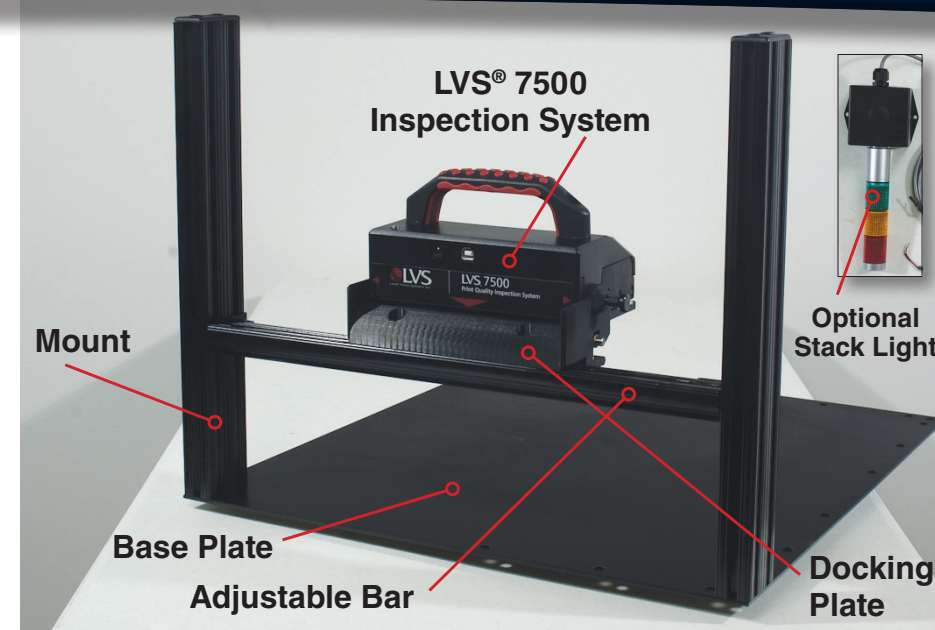
operator to view trends in print quality for hundreds of previously inspected labels. As errors are detected, the graph changes color. Other error warning indicators are available including printer stop, light stack, alarm, etc.

Master to Label Comparison

(Blemish Detection)

Master to Label Comparison identifies print faults, such as skews, smears, registration errors, die-cut errors and missing information. This module includes a variable data feature that recognizes expected variables within a pattern-matching zone but does not report the data as a blemish. Also includes a variable sensitivity setting for each label field inspected.

(See illustration above.)



Optical Character Recognition (OCR)

The OCR function "reads" characters and reports the data content.

Optical Character Verification (OCV)

The OCV function ensures that a string of sequential characters are read and/or verified against a known field or database.

Number Validation

Number Validation verifies the expected order of any numerical series, detects duplicates and sequence errors, and matches variable numbers with external data files.

Data and Code Matching

Matching verifies encoded data that represents human readable information and ensures synchronicity of multiple fields within a label.

The LVS® 7500 confirms the accuracy of the printed label image to user defined levels ensuring quality standards are met and providing peace of mind throughout the supply chain.

System Features

Auto Setup

Software automatically identifies label fields allowing for rapid set-up and change-over

Job Retrieval

Quickly access previous jobs to run again, or apply or modify formats for new jobs

Alarm Matrix

Multiple output options for error notification including stop relay, light stack, on screen warning, etc. set to user-defined thresholds

Security

- Multiple password security levels
- 21-CFR Part 11 Compliant Ready
- Audit trail for system interaction

Data Management

- Job data archived and stored in CSV file format for ease of export
- All records are date, time stamped and automatically archived
- Remotely review errors and record acceptance or rejection action
- Run summary report for quality control and customer assurance