

About the LVS®-7000 Inspection System

The LVS®-7000 system is a high speed, user-friendly **vision** system that will improve the quality inspection process and reduce the related manpower. The system can be mounted on a press, rewinder, conveyor and most other inspection stations.

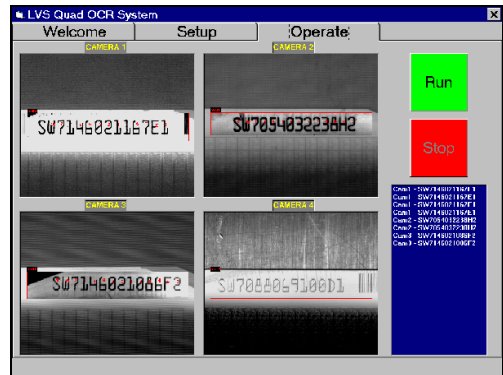
The LVS®-7000 performs:

Full verification of bar codes to ISO standards (multiple bar codes in any orientation and symbology, even 2D codes)

The LVS®-7000 will also inspect:

Color variance to a standard, **blemishes**, **sequential numbering**, **OCR/OCV** (Read rates up to 1000 characters per second), **Shape & Correct Position Analysis**, **Pattern Matching** and if you require a multi task approach you can **Mix & Match**. All of these inspections can be performed at the same time and at any speed.

The LVS®-7000 can inspect any number of fields at any size repeat, at any orientation across the form or print web.



Unique Features of the LVS®-7000

Verification of Bar Codes - Can inspect any combination of linear, matrix and stacked codes including (PDF-417, Micro PDF, Data Matrix, RSS, Composite Codes, among others) to ISO print quality standards. The bar codes can be in any orientation, with any quantity on a label, and as many labels across the web or form as required.

Validation of any combination of linear, matrix and stacked codes - Scan and Confirm ascending / descending / fixed - The **LVS®-7000** can achieve unlimited speeds (As fast as you can print !)

OCR/OCV - Can read and or verify human readable characters at unparalleled speeds at point sizes as low as two printer points. The operator or supervisor can perform rapid training of fixed space fonts.

Color Tracking - Tracks color variation by the use of Delta-E technology. User variable parameters allow the operator to know when color is out of allowable tolerances.

Matching - Also known as blemish detection. LVS has designed special algorithms for high speed and accuracy. This algorithm also includes our special "variable data" which accounts for variable data within a pattern-matching zone and does not report them as blemishes. Blemishes as small as 0.002" (inches) are detected at line speed.

Operator Friendly – Once job parameters are set up, they are stored by the system for use at a later date. The LVS®-7000 user-defined setup, allows the operator the flexibility to set a threshold for errors that could then tell the system to stop the press. Password protection keeps this interface safe from unauthorized changes.

Full Reporting - Events inspected can be reported in detail or recorded in a summary format. Standard reports are also available. User defined reporting can be quoted.

Symbologies

- Code 39
- I 2 of 5 (ITF)
- UCC/EAN 128
- Code 128
- Cod-a-bar
- UPC-A & E
- EAN-8 & 13
- ITF-14
- RSS (Linear)
- RSS (Stacked)
- RSS Composite (CCA/CBB/CCC)
- RSS Limited
- Pharmacode
- Data Matrix
- PDF-417
- Micro PDF-417
- OCR Validation

Warranty

Label Vision Systems, Inc. is pleased to offer a full (1) one year Return to Base warranty on all labor and materials for LVS products.

Label Vision Systems will provide telephone support (5) five days a week 9 a.m. to 4 p.m. EST.

Hardware Features

The LVS®-7000 system is optimized at time of quotation according to requirements. This allows for any special needs a customer might have to be addressed.

Standard Compliance

ISO 15416

ISO 15415

ISO 15426

ISO 16022

MIL STD. 130L

ITS199-002 (7-02)

UID Guidelines 07/29/03

General UCC/EAN Application Specification (GENSPEC)

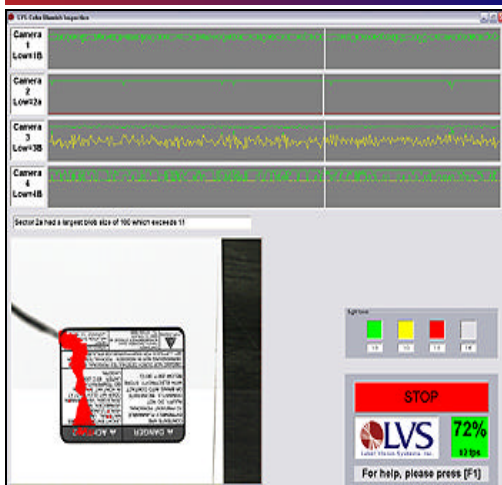
21 CFR PART 11 COMPLIANT

ISO/IEC/ANSI Verification

Edge Determination
Minimum Reflectance
Min Edge Contrast
Decode
Symbol Contrast
Modulation
Decodability
Defects (spots / voids)
Quiet Zone

Blemish
Validation of Human Readable

LVS®-7000 Blemish Screen Shot



LVS®-7000 Workstation



LVS®-7000 Computer Rack



Off-line verification: **INTEGRA™ 9500** Ask the LVS sales team for more details.

Provides ISO (ANSI) Print Quality Verification of linear, matrix and stacked Bar Codes (PDF-417, Micro PDF, Data Matrix, RSS Composite Code, Stacked & Linear Codes).

Extremely easy operation, verified in seconds, not even a button to push. Simple.

As of January, 2005, the INTEGRA™ 9500 is the **ONLY** barcode verification system available on the market certified for EAN.UCC System Standards.

UCC-Compliant Products Enable Implementation Cost-Savings



Contact Information

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