ProofRunnar™ LVS® INTEGRA 7ooo

...”The LVS® 7ooo can inspect any number of fields; at any size repeat, at any orientation across the form or print web”

General Description:
The LVS® INTEGRA 7ooo 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. We provide added value through full verification of bar codes to ISO standards.

matti
Print Inspection System

ProofRunnar™ LVS® INTEGRA 7ooo

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

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 o.oo2" (inches) are detected at line speed.

Full Reporting - Events inspected can be reported in detail or recorded in a summary format (CVS).

Label Orientation:
The LVS® 7ooo System can handle any ORIENTATION of bar code.
LADDER: The bars run horizontal to the flow of the web.
PICKET FENCE: The bars run vertical to the flow of the web.

The LVS® 7ooo Inspects:
Blemishes, sequential numbering, OCR/OCV (Read rates up to 1ooo 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.

- 1oo% Inspection of **ALL** 1D & 2D Bar codes
- Full ISO/EAN/UCC Bar code verification at press speeds
- Unlimited lanes across a web on a single system
- Intuitive & Quick user setups that can be stored and recalled
- Bar code to human readable comparison and match
- Sequential Checking (Ascending/Descending)
- Mismatch checking against a file

- All major bar code symbologies
- OCR/OCV inspection
- Duplicate Checking
  (Historical and current data)
- Blemish Detection
- Alarm Outputs (Visual, Audible, and Custom Relays)
- Full Documentation archived on every label
- 21CFR Part 11 Compliant Ready
- Modular design allows infinite scalability

Off-line verification - The INTEGRA 95oo ISO Verifier
INTEGRA 95oo 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. Ask the Matti sales team for more details.

Standart Compliance:
ISO 15416
ISO 15415
ISO 15426-1 and -2
MIL STD. 13oM
ITS199-oo2 (7-o2)
UID Guidelines o7/29/o3
General UCC/EAN Application Specification (GENSPEC)

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

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