

LM-902CD

Strip-to-Strip Laser Marking System

The LM-902CD Strip-to-Strip Laser Marking System incorporates many new Innovative designs and Hi-speed features. It can cater for different product packages and is capable of handling all standard semiconductor packages such as PLCC, PDIP, SOIC, SOJ, SSOP, QFN, QFP, BGA, and others.

The system is capable of handling Strips in SLOTTED or STACKED magazine as well as in-line, and can handle Strips with a wide range of sizes. Rapid product conversion between different packages is achieved by Programmable Product Conversion through software setting.



Specifications:

Handling System

- Slotted/ Stacked / In-line
- Stacked magazine loader
 - Magazine size (programmable):
L (190-240mm), W (30-65mm), H (300mm)
- Slotted magazine loader
 - Magazine size (programmable):
L (120-260mm), W (50-100mm), H (100-160mm)
- Pre-loading protection feature
- Programmable motorized strip indexing system
- Strip width: 15-120mm

Product Conversion

- Programmable Product Conversion through software setting
- Conversion in less than 15 minutes

Control System

- PC control platform
- LCD display unit (2X)

Inspection

- Vision Inspection Capability
- Orientation check
- Pre-laser mark check
- Post-laser mark check
- Optional 2D matrix vision inspection

Machine Size

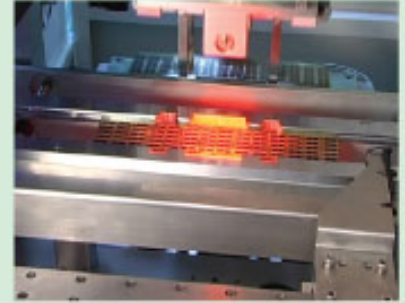
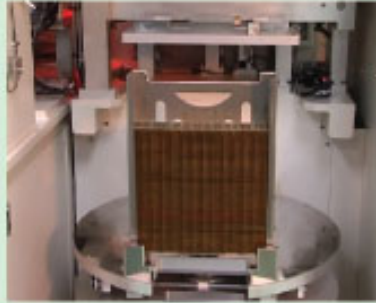
2369mm x 1612mm x 2545mm (L x W x H)

Standard platform weight

Approx. 800Kg

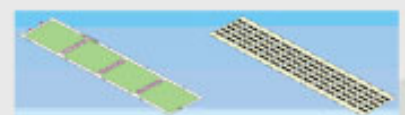
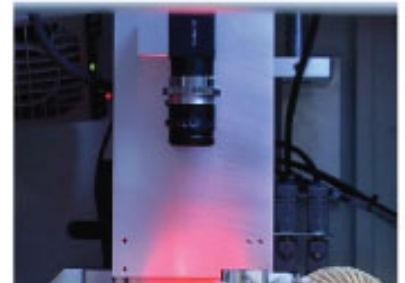
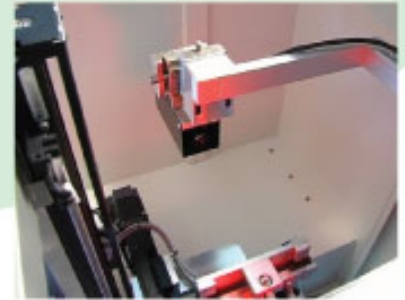
Facilities Requirements

- Power supply: Three Phase 415V +/- 10%
- CDA: 5-7 Bar
- Vacuum: Integrated & self-contained.



Unique Features & Advantages:

- Can handle all standard semiconductor packages such as PLCC, PDIP, SOIC, SOJ, SSOP, QFN, QFP, BGA, and others.
- Vision Inspection Capability to ensure Marking Quality and Integrity.
- Separate vision systems – to check for Correct Orientation of Strip before loading; read product data prior to Laser Marking; and final inspection of laser marking quality and accuracy.
- User-friendly Machine Interface. Easy to learn with very simple training.
- Capable of handling Strips in SLOTTED/ STACKED magazine as well as in-line.
- Programmable Servo-driven Strip indexing system.
- Rapid product conversion in less than 15 minutes through Programmable Product Conversion.
- Dual head Laser marking unit with a High Marking Accuracy, Capable of integrating with all major laser brands.
- Pre-laser and Post-Laser marking brush cleaning units.
- Postmark vision inspection unit – Option of either sampling or 100% full strip inspection, with Optional 2D matrix vision inspection.
- Modular design, High-speed handling, Vision capability, Repeatability and Accuracy, Programmable Product Conversion, Quick and Easy Maintenance minimizes machine downtime.
- Result is a more Cost-Effective Solution and Low Cost of Ownership for high volume manufacturing with Improved Quality, Reduced Cost, Productivity improvement and High UPH.



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