

## Dot Matrix Laser Mark & Inspection System

### [ Specification ]

<b>Name</b>	LSI 1000
<b>Device</b>	Leadframe with Interleaf
<b>Input Capacity</b>	1 Magazine
<b>Output Capacity</b>	2 Magazines & 1 Bin
<b>Control System</b>	Omron PLC
<b>Display Panel</b>	LCD Monitor
<b>Compressed Air</b>	6 Bars Min.
<b>On-Loader</b>	Magazine Loader
<b>Index</b>	Linear Servo Motor
<b>Off-Loader</b>	2 Magazines & 1 Bin
<b>Productivity</b>	100 Strips per Hour
<b>Laser Writer</b>	YAG Laser
<b>Vision System</b>	Eleconic Vision System
<b>Input Power</b>	220VAC, 1Phase, 50/60Hz, 40A
<b>Dimension</b>	1600(W), 1767(H), 1200(D)



### [ Features ]

- High speed linear servo motor drive for Leadframe shuttling
- Integrated vision system for mark quality control
- Pick up method by gripper
- Leadframe cavity concept for shuttling
- Clampers for Leadframe flatness guarantee
- Auxiliary bin cater for reject Leadframe
- Leadframe interleaf remover
- Control by PLC in auto mode and manual mode through a touch screen display.
- Extensive monitoring and run-time pop up messages for alarm/error handling, data logging and alarm history through the system PLC and touch screen display.
- All critical mechanical movement mechanisms will have closed loop system to prevent crashes with other handler components, contactors or devices.