

LITE LUD

[SNAPVISION]

**CONFIGURABLE
LOADING AND
UNLOADING
STATION**



HIGHLY VERSATILE LOADING AND UNLOADING STATION

The LITE LUD machine is designed for loading and unloading PCBs. The unit automatically loads the production line by transferring PCBs from a magazine onto the downstream conveyor. The magazine then indexes to the next position and is ready for the subsequent unloading cycle.

STANDARD OPTIONS



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UNIQUE CONCEPT

CONFIGURATION

- Optional Cobot and "Automatic magazine management".
- High component clearance <150 mm top and bottom.
- PCBA-pallets dimensions: up to (710x540) mm. Max. pallet weight: 20 kg.
- Automatic adjust conveyor width.
- Dimensions: 1500x1180x1480 mm.
- Configurable loading and unloading station.
- No air supply required.

PRODUCTIVITY

- Conveying speed: 300-2.000 mm/min.
- 1 loading segment and 1 unloading segment.

TRACEABILITY (SMARTBOX OPTION)

- Process tracker / Industry 4.0.
- Live process parameters log.
- Embedded trend analysis.

OPTIMIZATION

- Energy efficient.
- Eco-friendly.

[SNAPVISION]

[WORLD'S BEST PRODUCTIVITY]

INSPECTION FIXED CAMERA BASED

// APPLICATION

Underfill, potting, glue, corner bonding, thermal paste, gap filler, coating, nano coating, screw, top THT, optical bonding, latex, wax, foreign particules, datamatrix, labels, QR and more.

// FEATURES

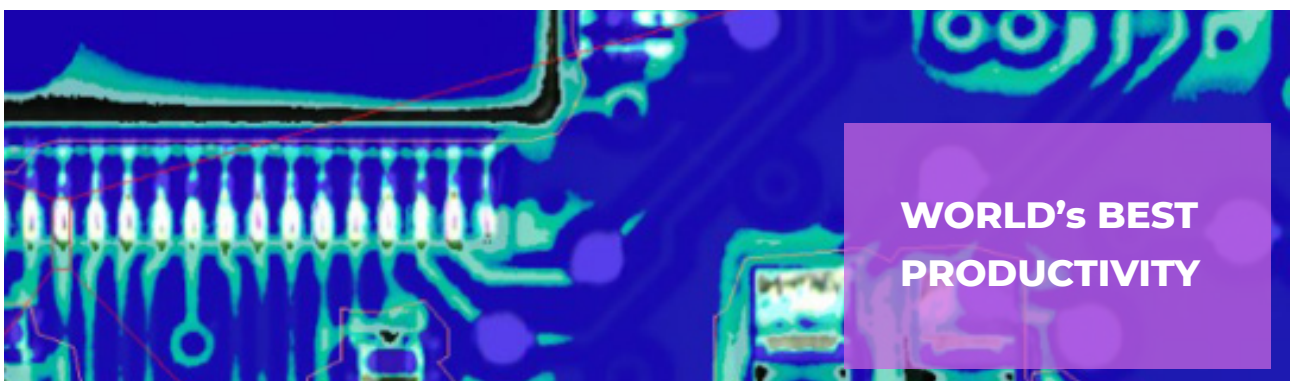
- Resolution down to 40 um.
- Standard pallet and PCB size FOV up to 500 x 400 mm.
- Intuitive programming UI.
- Max. inspection time less than 4 sec. per lane.
- Ultra thin coating compatible.
- Light source: multi-LED illumination.
- No periodical calibration of camera needs.

OPTIONS

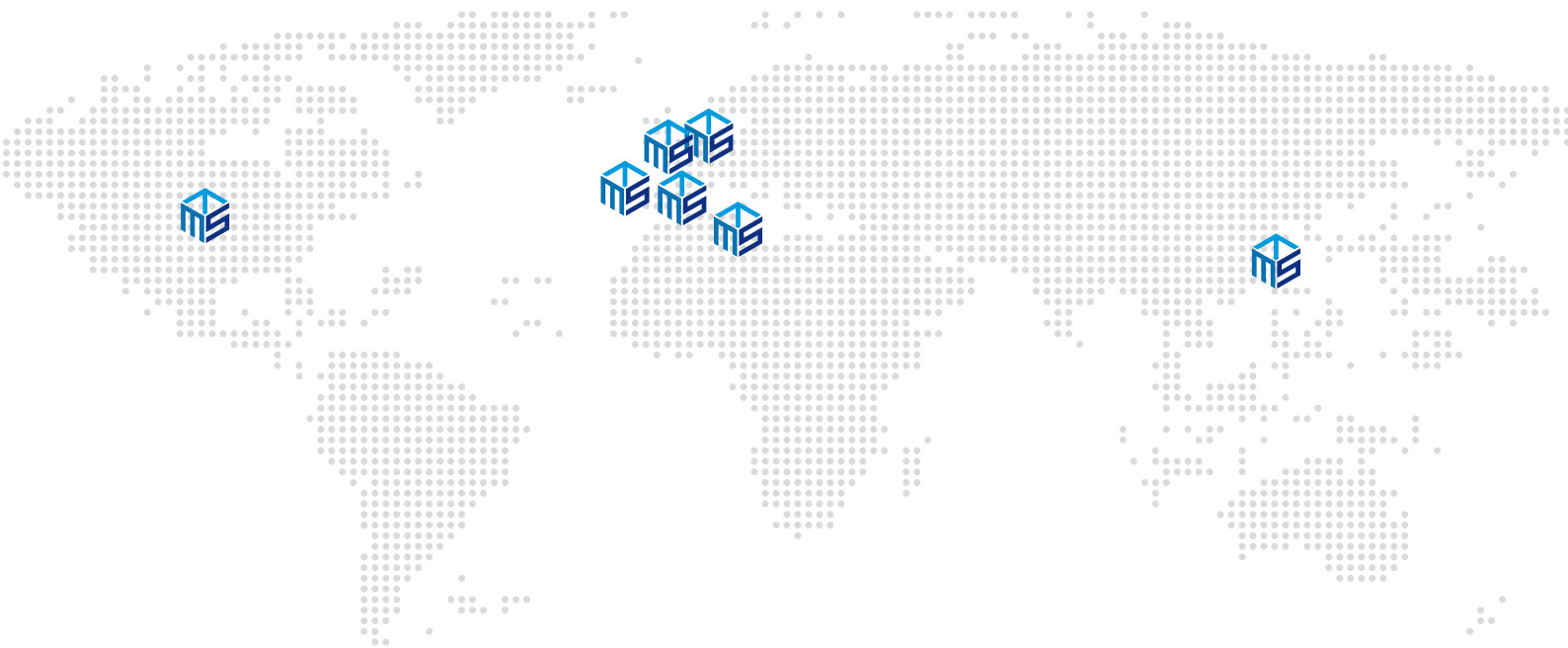
- User friendly repair station.
- Offline programming.
- Thickness trend measurement IPC compliant.



Inspection Unit	168 Mpx Color camera Light source: multi-color LED illumination Adjustable illumination profiles Triggered light control Rectified image
System-PC	Industrial PC processor i7 or i9. Windows 10, 64 bits.
Inspection Speed	2 to 4 (by side) seconds full area independent of the number of inspection parts



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