

TAIYO

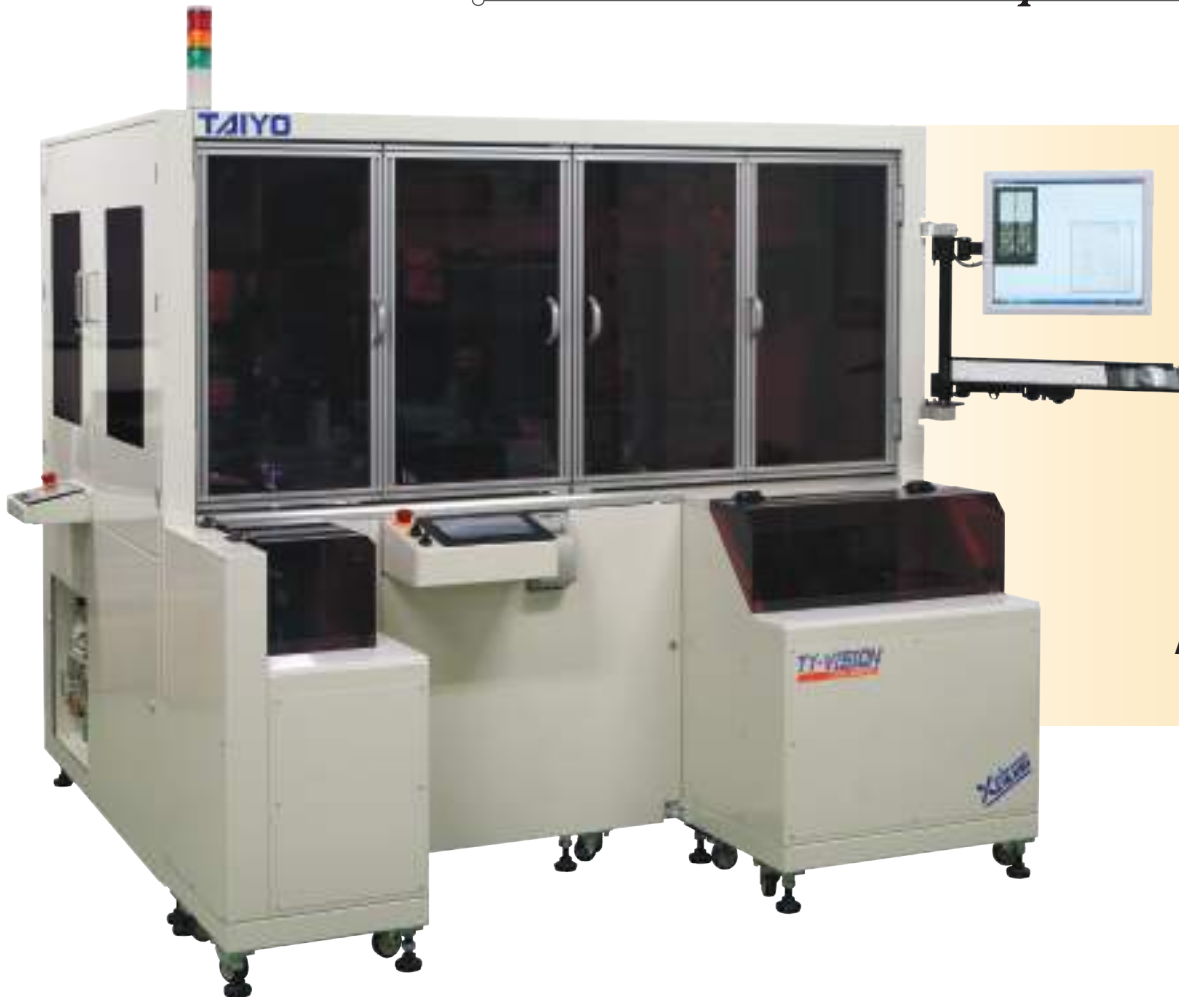
■ Advance to the Future

TY-VISION



*Fully Automated Double-Sided
Final Visual Inspection System*

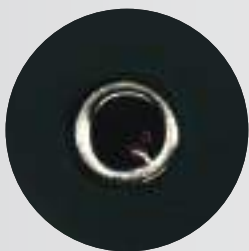
A307DC



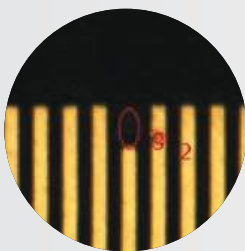
Our most advanced system to date.

SPEED,
EFFICIENCY,
& TOTAL
AUTOMATION.

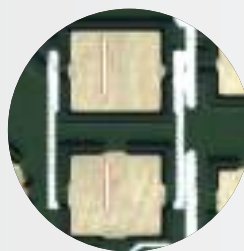
Sample Defects:



Nodules



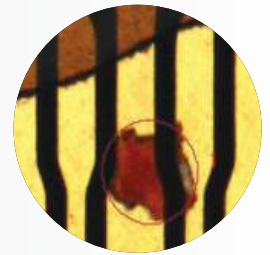
Chipping



Scratches



Corrossion



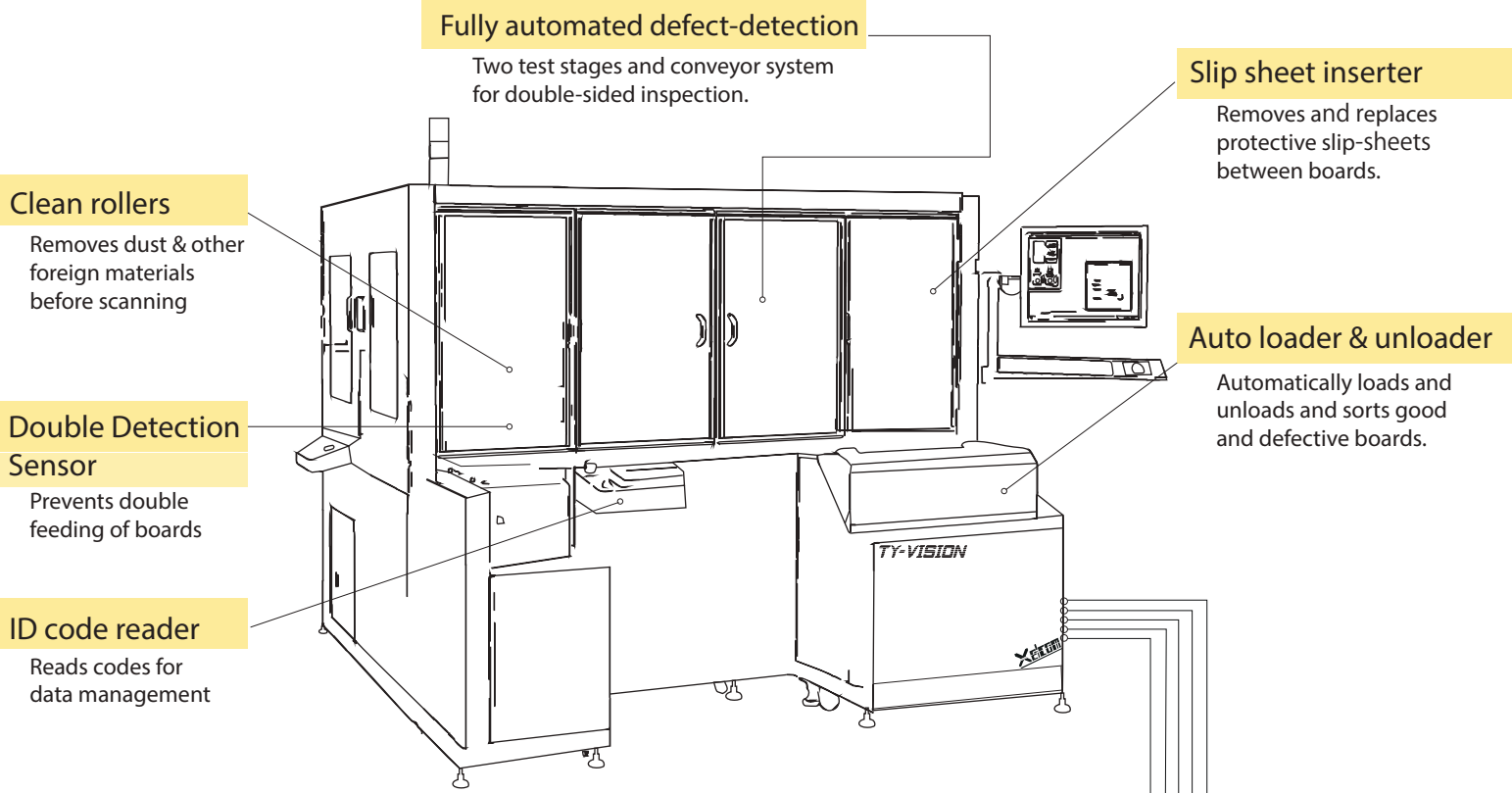
Discoloration

Rigid PCBs, HDI, Ceramics, Multilayer, and more.

Scratches, exposed copper, misregistration, burrs and nodules, delamination, discoloration, etc.



A307DC



Clean rollers
Removes dust & other foreign materials before scanning

Double Detection Sensor
Prevents double feeding of boards

ID code reader
Reads codes for data management

Fully automated defect-detection
Two test stages and conveyor system for double-sided inspection.

Slip sheet inserter
Removes and replaces protective slip-sheets between boards.

Auto loader & unloader
Automatically loads and unloads and sorts good and defective boards.

Board size	10" x 12" (max.)
Resolution	10μm
Dimensions	89" x 66" x 78" <small>(includes control panel & display lamp)</small>
Cameras	7,300 pixels CCD Color Line Scan
Illumination	Computer-Controlled LED lighting
Applicable boards	For rigid PCBs <small>(single / multilayer, HDI, ceramic, and more)</small>

Throughput time is approximately
10 seconds.
(1 scan/side, 8" length)

Contact the head office for a free assessment.



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