

No Compromise in Zero Defect

**Automated Vision Solution
Your Quest for Quality Excellence**



The Customer Deserves The BEST!



IN.D SOLUTION
Providing Innovative Solutions

BREAKTHROUGH



Zero Defect solution with high detectability of known visual mechanical defects.



High Speed solution with up to 44,000 units per hour



Prevention of Quality Spills



Productivity improvement with high MMO upto 1:4 and ROI



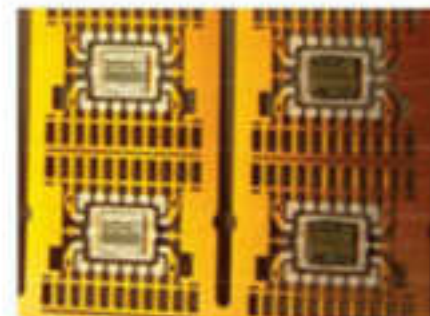
Non-dependence on skilled operators for visual inspection



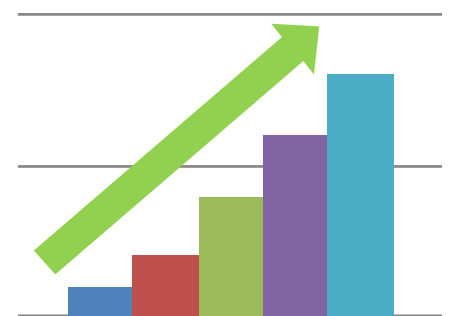
Yield and Cost improvement through accurate analytical and statistical data



1 D and 2 D scanning for tracking. Strip mapping for tracking also available



Process Point Check and Control



Reliability and Robustness on machine uptime (above 4hrs of MTBA)

✓ PROVEN Technology with >100 systems in the market within <3 years

**Committed and Competent technical support
– YOUR TRUSTED PARTNER**

FEATURES



IN.D SOLUTION
Providing Innovative Solutions



User Friendly



High Speed vision



High Image Resolution



Auto Handling



**Auto Identification
of Rejects**



Network connection



**Multi-Magazines
Storage**



**Manual Confirmation
Option**



Auto Lot Report



Proven Technology



Compact Size

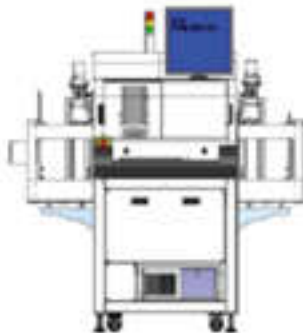
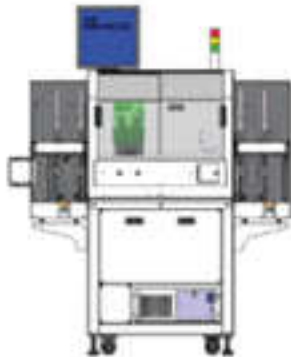


Low Maintenance

Strategically Position You To Be Best In Class

**Continuous R&D In Product Development
- TO BE THE PACE SETTER**

SPECIFICATIONS



General		Post Wire Bond Inspection
Machine Dimension (W x D x H)		1600 mm x 1200 mm x 2000 mm
Machine Weight		~450 kg
Utilities Requirements		200~240 VAC, 50/60 Hz, 3 KW
Compressed Air		6 Bar
Strip Size		Min, 140mm X 15mm Max 260mm X 100mm
Magazine Size		Min: 145mm X 20mm X 100mm (H) Max: 265mm X 105mm X 200 mm (H)
Optics		
Camera Resolution		1.25 - 8.0 MP *
Camera configuration		Mono, Stereo or Multi
Optics Lens Magnification		0.42 - 2.0 X *
Lighting		Patented Multi-Channel, Multi Colour
Accuracy	2D	4.6 - 17.6 µm/pixel *
	3D	133.89 - 152.03 µm/pixel *
Field of View		Min: 5.6 mm X 4.7 mm * Max: 20.0 mm X 16.9 mm *
System Features		
Door open detection		✓
Failure Mapping		✓
Defect Logging (incl. Image)		✓
Barcode Scanning		Optional
SECS/GEM		Optional
Bent Frame detection		✓
Lift up frame detection		✓
Auto-Reject Module		Optional
Uptime		> 95%
Mean Time Between Assist		> 4hrs
Mean Time Between Failure		> 168hrs

* Depending on Optics Configuration

Invent, Innovate to Introduce Intelligent & Cost Efficient Solutions

**Continuous R&D In Product Development
- TO BE THE PACE SETTER**

SOLUTIONS PROVIDER



Other Solutions:



Post Wafer Saw Inspection



Traceability Scope



Optical Inspection Module



CT X-ray Software



Mechanical handlers

More than 22 years in the Industry



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