

ALEADER EUROPE - AOI Machines



ALeader
EUROPE



INTRODUCTION



InterElectronic Hungary Ltd. offers equipments, machines and different materials (ESD) of different production technologies (SMT/THT/LED). Including high quality, special request fulfilling soldering machines, devices, tools, instruments and materials for the electronic industry and services.

SERVICES

Our each and every product has a warranty granted by the InterElectronic Hungary Ltd. For more complex appliances our company offers a well-needed training for set up and usage. We grant the repair of all of the products traded by our company during and after the warranty period. As well as we guarantee the continuous supply of accessories and instruments.

DEMONSTRATON

In case if any of our products aroused your interest the InterElectronic Hungary Ltd. would be glad to visit your company and hold a presentation of the product of your interest. As far as possible we serve you by bringing demo devices with us. In the most cases of our products we are proud possessors of references nation-wide. Major machines also could be observed at our partners' site.

PRICE LIST

Most of the prices of our products can be requested on our website and will be sent via email to you. In case of special and more complex machines the prices are given after consultation individually through a price offer. If you are interested in more information or user manuals of our products we recommend you to visit our website (www.interelectronic.com), which is updated continuously with professional information. We also recommend you to visit our office, where you can purchase any of the needed devices and spare parts of the product of your interest.

ORDER/SHIPPING

Our soon to be partners are welcomed to be helped via telephone, fax or e-mail. We use different ways of delivery, depending on the preference of our partner. We can deliver your purchased product by ourselves, by freight or courier service. The way of delivery might be negotiated previously. We offer you cash on delivery nation-wide!

Table of Content

Inline solutions

ALD8700S Full 3D Inline AOI

pg. 4



ALD 770 i3D Inline AOI

pg. 8



ALD 5800S Inline Pre-Reflow AOI

pg. 10



Offline solutions

ALD 515 i3D Offline AOI

pg. 12



ALD 525 i3D Offline AOI

pg. 13



ALD 625 i3D Offline AOI

pg. 14



SPI Products

ALD-ST3-450 Inline 5D SPI

pg. 16



ALL IN ONE

pg. 17



FAI

pg. 19



ALD8700S Full 3D Inline AOI **ALeader World-class Full 3D AOI System**



BREAKING limits in AOI technology

- Precise
- Robust
- Fast and Efficient
- Intuitive
- Intelligent Thinking-Based Algorithms

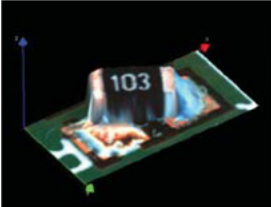


High range, precise, shadow-free 3D height measurement of solder joints and components along with the simultaneously taken high quality high resolution 2D image. 100% board coverage including a smallest parts available in today's production.

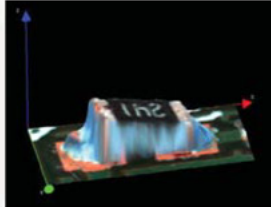
Unique optical system developed by ALeader delivers an accurate, reliable 3D measurement with no compromise on 2D image quality.

- 4-direction structured light (advanced, developed in-house phase-shifting digital projection system)
- Multi-directional (360° horizontal, 0-90° vertical) LED illumination system
- High speed camera
- High precision linear motors

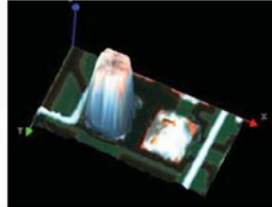
Shift



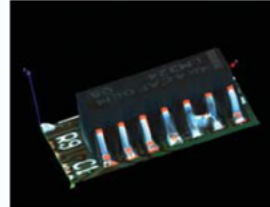
Coplanarity



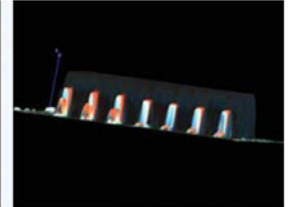
Tombstone



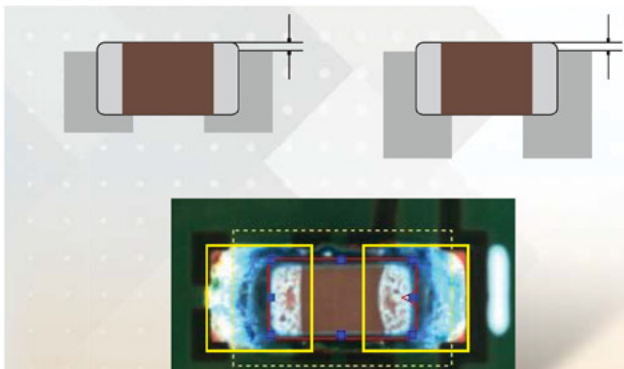
Short



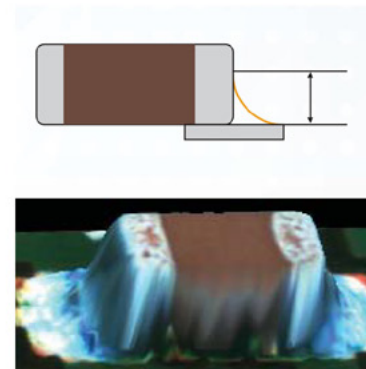
Lifted leads



Inspection result pass-fail criteria according to IPC-610 standards for shift, fillet height measurement. Tolerance according to IPC level (depends of the pad size)

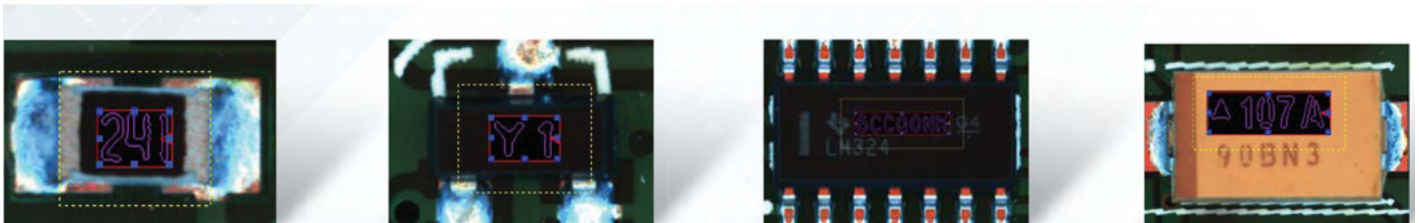


Pads defined by PCB Gerber



Solder fillet height measurement

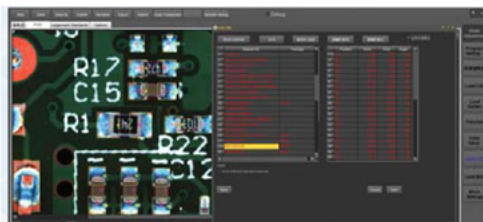
Best in the industry component marking recognition



ALD 8700S Full 3D Inline AOI

Easy programming. Friendly and intuitive user interface.

- Central library with part number and package links
- Auto programming for known components
- Simple and fast definition for the non-standard components
- Automatic setup of IC pins inspection
- Easy and transparent definitions, no “black box”
- Defect samples are not required to create a program without escapes
- Over 90% of the program can be done offline
- One click solution for OCV/OCR and body color definition
- Easy setup of skipped components
- Effective debugging procedures



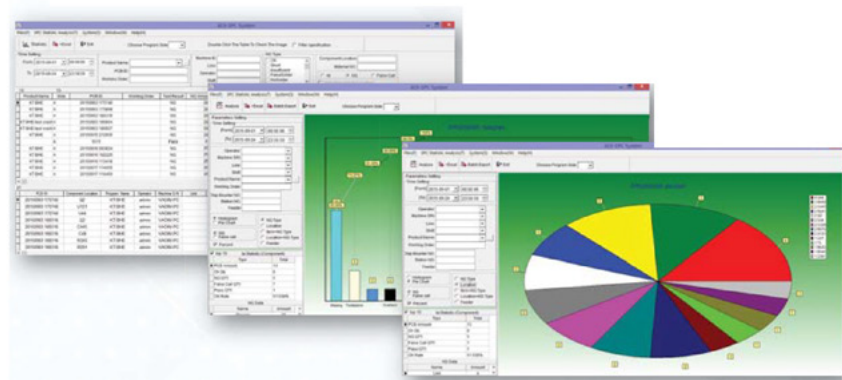
Inspection result verification



- Ensures the operator will not miss the defect detected by AOI
- Easy to find component location on PCB
- Clear component top and 3D interactive image for reliable verification
- No real board required to make a decision
- Inspection history review
- Operator feedback
- Possibility to use one repair station for multiple AOI machines

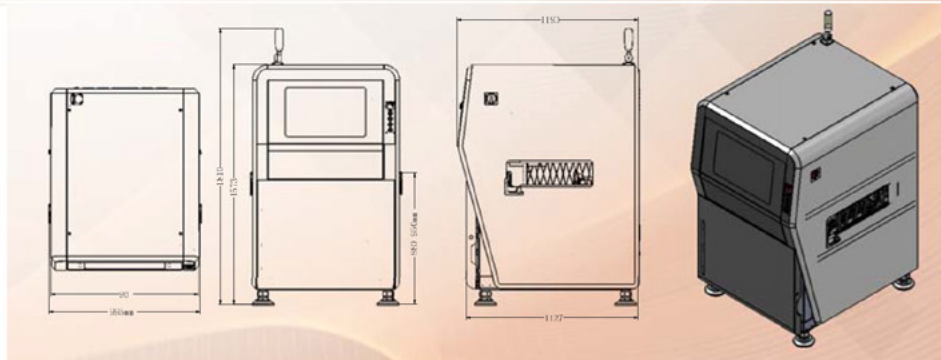
Process Control:

- Real time SPC charts
- History review and analysis
- Cp, Cpk, GR&R
- Traceability
- Reports



ALD 8700S Full 3D Inline AOI Specification

Functional specification	
Inspection method	Phase Measurement Profilometry
Camera	4MPix high speed camera (12MPix camera - optional)
Lighting system	4-directional structured light digital projection, top and 360° steep color LED light
Program creation	CAD and Gerber files import, Central Library, Part Number links, Auto Programming
Operation system	Windows 7 Professional (64 bit)
Inspection board specification	
PCB type	All colors and all pad finishes
PCB size	Min 50mm x 50mm, Max 450mm x 400mm (ALD8700S), 550mm x 510mm (ALD8710S)
PCB thickness range	0.2mm to 7mm
Maximum PCB warpage	+/- 5mm
Clamping system edge clearance	Top 2.5 mm, Bottom 3 mm
Bottom/top clearance	85mm/40mm
Min component size	03015, 0.3 mm pitch
Inspection performance	
Resolution	2D - 15μ, Height - 0.37μ
Height measurement range	upto 20 mm
Speed	3.5 FOV/sec
FOV size	30mm x 30 mm (4 Mpix Camera), 52mm x 39mm (12 Mpix camera)
Inspection Coverage	Missing, misalignment, billboard, up-side-down, tombstone, damaged, wrong component, lifted leads, open, insufficient/excessive solder, shorts, polarity, solder balls, foreign object, etc...
Component color	Component color and transparency doesn't affect performance, but used for wrong part inspection
OCV/OCR	Standard on each machine
IPC compatibility	Offset (pads defined by Gerber), solder fillet - height measurement
Features and options	
Special features	Supports auto-change programs, multi-boards(include bad mark) and multiprogram inspection modes
Barcode system	Auto read barcode with camera - 1D and 2D; External reader scans back side barcode (option)
Server mode	Central server multiple machines data handling
Remote control	Remote control through TCPIP for verification, system operation and program adjustment
Additional options	SPC, repair station, offline programming station, external barcode scanner Support applications - Site Dashboard, First Article Inspection, Package Link
Hardware	
Conveyor	Bottom-up fix, flat belt conveyor, automatic clamp (pneumatic), auto load and unload, automatic width adjustment
Conveyor direction/time	Left to Right or Right to Left, in/out time 4 sec
X/Y driver	Synchronous high speed linear motors. PCB fix, camera moves X/Y
Display	23.6 inch, touch screen
Power supply	AC230V 50/60Hz, <1.5 KVA
Compressed air	0.4-0.8 MPA
Equipment communication	SMEMA
Operational conditions	10-35°C, 35~80% RH (no dew)
Dimension and Weight	
Weight	805 kg
Dimensions	1190x995x1573(LxWxH) ALD8700S, 1490x1080x1573 (LxWxH) ALD8710S excluding signal light tower height
Conveyor height	880-950 mm



ALD 770 i3D Inline AOI

Leading the Way for Inline Solution

**Pre Reflow, Post Reflow SMD
Wave Soldering & Solder Paste Inspection**



Unique Technologies Implemented in this Model

- i3D Technology
- i3D Height Analyzing coplanarity check i3D Shape Analysis
- Debug-Free Technology (Including flexible packages)
- Escape-Free Technology
- False Calls Control Technology
- Overcome all inspection challenges
- Small Chip: Coplanarity, offset, cold soldering, no solder, missing, tombstone and more.
- Production Process Control SW: prevent defects in real time, improve and control your production

i3D detects small chip coplanarity, cold soldering, missing, tombstones and more errors

The ALD770 i3D Inline is the ultimate inline solution for your production, featuring an extremely low FA rate, high first pass yield and no escapes. It offers support for offline programming, offline debugging, complete tracking system, integrated barcode reading and repair stations. Including the fastest and easiest programming technology available.

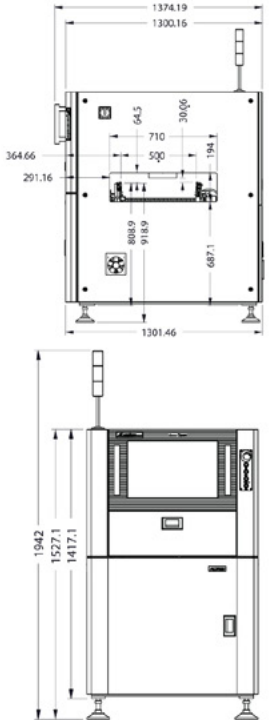
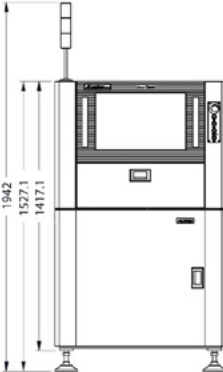
ALD770 i3D meet customers demand from low-volume high-mix to high-volume low-mix manufacturing.

The machine's automatic calibration and maintenance take just few minutes each week. It is designed to overcome all PCB design challenges including shadows, different component colors, PCB warpe, and many more.

ALD770 i3D is one of the fastest and most accurate machines available on the market. Outstanding accuracy makes it ideal for the detection of 0201 and 01005 components. Each machine is checked and certified for accuracy better than 40 microns, according to CeTaQ certification. Easy-to-use pre-reflow application enables checking for all pre-reflow defects including the solder paste on the PCB.

ALD 770 i3D Inline AOI Specifications

ALD770 i3D

FOV/Test Speed		FOV (20 μ m) : 40.96x40.96 ; Test speed < 180 ms/FOV FOV (15 μ m) : 30.72x30.72; Test speed < 160 ms/FOV	
Inspectable PCB's	Size	50x50mm(Min) to ~ 510x500mm(Max)	
	Thickness	0.3 to 5 mm	
	Clamping Edge	TOP ~ 2.5 mm Bottom ~ 3 mm	
	PCB Height Clearance	Top Side: 30 mm Bottom Side: 85 mm	
Operating System		Windows 7	
Display		22-Inch TFT LCD	
X/Y Driver		Screw and AC servo driver with an accuracy <20 μ m; camera	
Power		AC230V 50/60 Hz 1.5KVA *AC 110 V model available on request	
Compressed Air		Compressed air is not used by this model.	
Weight		~700 Kg	
Dimensions		1300x900x1570mm (LxWxH)	
Humidity		10 ~ 35°C 35 ~ 80°C RH (No dew)	
Certificate		CE Certificate	

ALD770 i3D General Model Features

i3D Optical Model	i3D Technology	The 3 CCD intellectual cameras determine the shape out of the 3D image. Comprehensive coverage 0 to 360 degrees around as well as 90 degrees up and down.	
	i3D Height Analysis	Converts the height of the object to image length and position. Enables the detection of lifted leads and slightly tombstoned cold soldering on small chips.	
	i3d Shadow-Free Design	A telecentric lens and innovative design prevent shadowing.	
Certificate		CE Certificate	
Applications		Post reflow Pre reflow, wave soldering & solder paste.	
Inspection Items		Detects missing, misaligned, billboard, coplanarity, overturn, wrong part, polarity, OCV, damaged, reversed, leveling, and tombstones. Solder defects covered: overflow, insufficient solder, unsoldered, short (1D & 2D), stain, cold soldering and wetting problems, lifted leads, solder balls, holes, pin direction, missing pins and J, L,U-Leade. Detects	
Barcode System		Camera can read and transfer the barcode automatically (1D or 2D). Features a multi-mark function check including Bad Mark.	
Remote Control		Remote control enabled through TCP/IP; remotely check results, start and stop the machine, or modify the program at any time.	
Sever Mode		Control several AOI through the central server (optional).	
Application Features	Shadow	Shadow-free technology.	
	Warpage	<5 mm Warpage-free technology.	
	OCV \ OCR	Standard on each machine.	
	Double Side Check	Identify and change sides automatically.	
	LED	LED polarity and wire bonding check.	

INLINE SOLUTIONS

ALD 5800S Inline Pre-Reflow AOI Leading the Way for Inspection Solution

Pre Reflow, Post Reflow SMD Wave Soldering & Solder Paste Inspection



Unique Technologies Implemented in this Model

- Extremely low FA rate, high FPY and no escapes
- Shadow free, warpage free solution, insensitive to board color
- Fast and accurate inspection and measurement
- Ideal for inspection of 0201 and 01005 components, 0.3 mm pitch
- Fast programming, intuitive user interface
- Effective quality verification
- Process control for defect prevention
- High MTBF, low maintenance cost

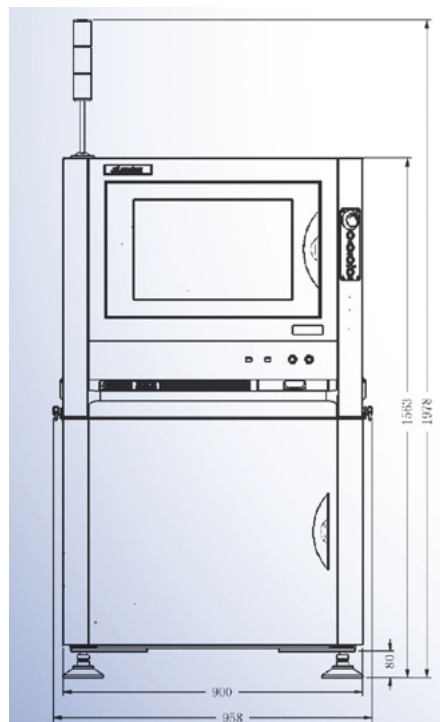
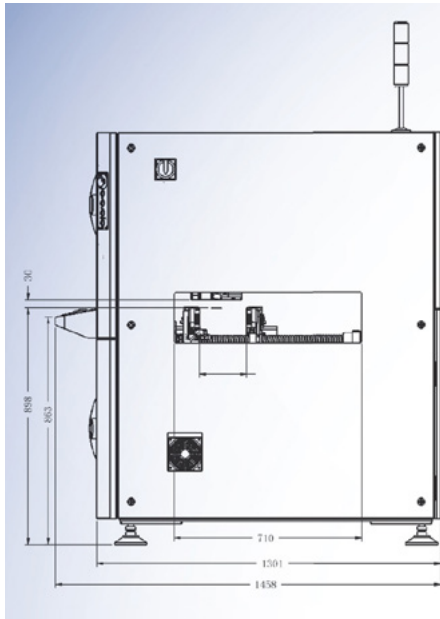
ALeader ALD5800S is a high performance easy to operate AOI system designed to inspect PCB assembly before the reflow.

In common production environment printing and placement processes are the main contributors to the end line defect rate. ALD5800S is built to detect those defects before the board will be soldered and the repair will become difficult and expensive. ALD5800S accurately measures components position and supplies a feedback, which is vital to improve the performance of P&P systems.

Supported by the powerful algorithms ALD5800S delivers unprecedented high speed performance giving no escapes and very low false alarm rate on the most complicated and challenging PCB assemblies. System performance is not affected by the shadows or board warpage.

Program creation is simple and straight forward. The system also offers support for offline programming. Integrated barcode reading capability and various traceability options, software process control are available. Repair station delivers a clear image of the defect and good sample allowing fast verification and preventing operator mistakes.

ALD 5800S Inline Pre-Reflow AOI Specifications



Functional Specifications	
Camera	4M pixel high-speed camera
Lighting system	Extra bright RGB LED - 360° angle and direct top light directions
Program creation	CAD file import, Gerber file import, central library, part number links, auto programming
Applications	Pre-reflow, 2D solder paste inspection
Operating system	Windows 7 Professional
Inspection Board Specifications	
PCB type	All colors and all pad finishes
PCB size range	50mm x 50mm (min) ~ 510mm x 500mm (max)
PCB warpage	<5 mm, warpage-free technology
PCB thickness range	0.3mm to 5mm
Clampingsystem edge clearance	Top 2mm, Bottom 2mm
PCB weight	Up to 3kg
Underside/Topside clearance	85mm/30mm
Min component size	01005, 0.3 mm pitch
Inspection Performance	
Resolution/range/speed	8 μ/pixel; FOV:16 x 16 mm; Inspection speed<0.170 sec/FOV 15 μ/pixel; FOV:30 x 30 mm; Inspection speed<0.160 sec/FOV
Inspection coverage	Missing, misalignment, polarity, billboard, up-side-down, damaged, wrong component, lifted leads and more 2D paste defects: insufficient solder paste, shorts, offset...
Shadow effect	Shadow-free technology
Component color	Insensitive to component color and transparency
OCV/OCR	Standard on each machine
Double side check	Identifies and automatically changes side
Features and Options	
Special features	Supports auto-change program, multi-boards (include bad mark) and multi-program inspection modes
Barcode system	Auto read barcode with camera- 1D and 2D; External reader reads back side barcode(option)
Server mode	Central server multiple machines data handling
Remote control	Remote control through TCP/IP for verification, system operation and program adjustment
Additional Options	SPC, repair station, Offline program, External barcode scanner Support applications - Site Dashboard, First Article Inspection, Package Link
Hardware	
Conveyor	Automatic clamp, auto-load and unload, automatic width adjustment
Conveyor direction/time	Left to Right or Right to Left, handling time 4 sec
X/Y driver	Screw and AC servo driver, Accuracy <10μ; PCB fix, camera moves X/Y
Display	22 inch TFT LCD
Power Supply	AC230V 50/60Hz <1.5KVA
Compressed air	0.4 - 0.8 Mpa
Equipment communication	SMEGA
Operational conditions	10~35°C, 35~80% RH (no dew)
Dimensions and Weight	
Weight	700 kg
Dimensions	1300x900x1565 (LxWxH) (not including signal light tower height)
Conveyor height	890mm to 980 mm

ALD 515 i3D Offline AOI

Pre Reflow, Post reflow SMD Wave Soldering & Solder Paste Inspection



ALD 515 i3D is an entry level machine for customers requiring a high quality AOI with low price

Unique Technologies Implemented in this Model

- i3D Technology
- i3D Height Analyzing & coplanarity check
- i3D Shape Analysis
- Debug-Free Technology
(Including flexible packages)
- Escape-Free Technology
- False Calls Control Technology
- Overcome all inspection challenges
- Small Chip: Coplanarity, offset cold soldering, no solder, missing, tombstone and more.
- Production Process Control SW: prevent defects in real time, improve and control your production.

i3D detects small chip coplanarity, cold soldering, missing, tombstones and more errors

ALD525 i3D AOI

Pre Reflow, Post reflow SMD Wave Soldering & Solder Paste Inspection



ALD 525 i3D is designed for low volume high mix production.

System can be programmed quickly and is able to detect all kind of defects including small chips defects, lifted pins, all kind of solder joint defects and many more.

The system includes verification SW and SPC.

Unique Technologies Implemented in this Model

- i3D Technology
- i3D Height Analyzing & coplanarity check
- i3D Shape Analysis
- Debug-Free Technology
(Including flexible packages)
- Escape-Free Technology
- False Calls Control Technology
- Overcome all inspection challenges
- Small Chip: Coplanarity, offset cold soldering, no solder, missing, tombstone and more.
- Production Process Control SW: prevent defects in real time, improve and control your production.

i3D detects small chip coplanarity, cold soldering, missing, tombstones and more errors

ALD625T i3D AOI

Leading the Way
for Tall Components Inspection

**Pre Reflow, Post reflow SMD
Wave Soldering & Solder Paste Inspection**



Unique Technologies Implemented in this Model

- i3D Technology
- i3D Height Analyzing & coplanarity check
- i3D Shape Analysis
- Debug-Free Technology (Including flexible packages)
- Escape-Free Technology
- False Calls Control Technology
- Overcome all inspection challenges
- Small Chip: Coplanarity, offset cold soldering, no solder, missing, tombstone and more.
- Production Process Control SW: prevent defects in real time, improve and control your production.

i3D detects small chip coplanarity, cold soldering, missing, tombstones and more errors

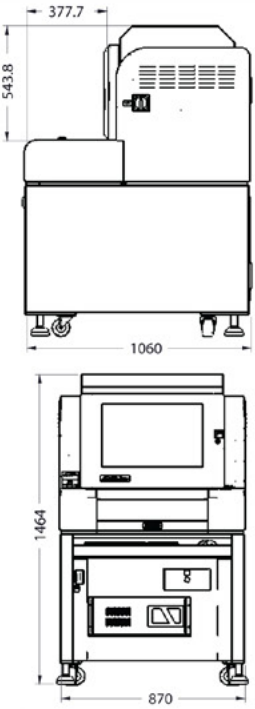
The ALD625T i3D match the ALD770T i3D Inline, supports production lines and products that need up to 60mm clearance. Its innovative optics design and enlarged focus range ensure that all tall and small components can be detected with the same ALeader inspection results.

The ALD625T i3D is the ultimate solution for your production, featuring an extremely low FA rate, high first pass yield and no escapes. It offers support for offline programming, offline debugging, a complete tracking system with integrated barcode reader on the camera and repair stations. The fast and easy programming technology lets it meet customers demand from low-volume high-mix to high-volume low-mix manufacturing.

ALD625 i3D can share the Inline Libraries and programs. It can monitor for defects including all kinds of lifted leads and all defects for small chips. The machine's automatic calibration and maintenance take just a few minutes each week. It is designed to overcome all PCB design challenges including shadows, different component colors, warped PCB, and many more.

ALD625T i3D Offline AOI Specification

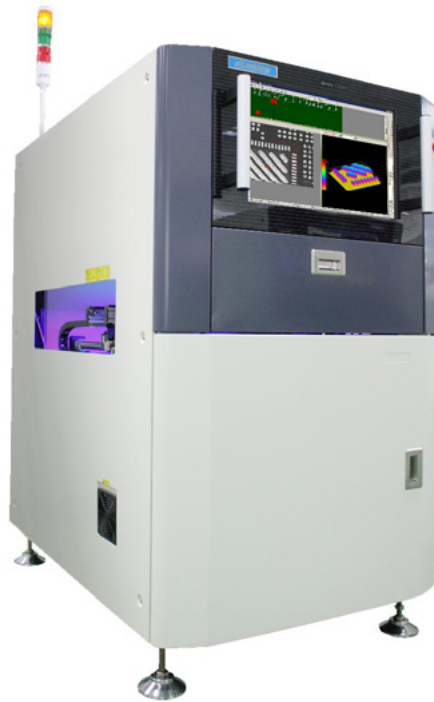
625T i3D

FOV/Test Speed		FOV (20 μ m) : 40.96x40.96 ; Test speed < 180 ms/FOV FOV (15 μ m) : 30.72x30.72; Test speed < 160 ms/FOV	
Inspectable PCB's	Size	50x50mm(Min) to ~430x330mm(Max)	
	Thickness	0.3 to 5 mm	
	Clamping Edge	TOP~3.5 mm Bottom~3.5 mm	
	PCB Height Clearance	Top Side: 40\50\60 mm Bottom Side: 110 mm	
Operating System		Windows 7	
Display		22-Inch TFT LCD	
X/Y Driver		Screw and AC servo driver with an accuracy <20 μ m; camera moves along X axis.	
Power		AC230V 50/60 Hz 0.8KVA *AC 110 V model available on request	
Compressed Air		Compressed air is not used by this model.	
Weight		520 Kg	
Dimensions		1070x900x1490mm (LxWxH)	
Humidity		10~35°C 35~80°C RH (No dew)	
Certificate		CE Certificate	

625T i3D General Model Features

i3D Optical Model	i3D Technology	The 3 CCD intellectual cameras determine the shape out of the 3D image. Comprehensive coverage 0 to 360 degrees around as well as 90 degrees up and down.	
	i3D Height Analysis	Converts the height of the object to image length and position. Enables the detection of lifted leads and slightly tombstoned cold soldering on small chips.	
	i3d Shadow-Free Design	A telecentric lens and innovative design prevent shadowing.	
Certificate		CE Certificate	
Applications		Post reflow Pre reflow, wave soldering & solder paste.	
Inspection Items		Detects missing, misaligned, billboard, coplanarity, overturn, wrong part, polarity, OCV, damaged, reversed, leveling, and tombstones. Solder defects covered: overflow, insufficient solder, unsoldered, short (1D & 2D), stain, cold soldering and wetting problems, lifted leads, solder balls, holes, pin direction, missing pins and J, L,U-Leade. Detects	
Barcode System		Camera can read and transfer the barcode automatically (1D or 2D). Features a multi-mark function check including Bad Mark.	
Remote Control		Remote control enabled through TCP/IP; remotely check results, start and stop the machine, or modify the program at any time.	
Sever Mode		Control several AOI through the central server (optional).	
Application Features	Shadow	Shadow-free technology.	
	Warpage	<5 mm Warpage-free technology.	
	OCV \ OCR	Standard on each machine.	
	Double Side Check	Identify and change sides automatically.	
	LED	LED polarity and wire bonding check.	

ALD-ST3-450 Inline 5D SPI



Clear, color high resolution 2D image, PMP-based 3D precise height and volume measurement, high speed, 100% inspection coverage, less than 3 min programming time, standard library, warning system and sophisticated process control – all this makes ALeader SPI a true leader in the solder paste inspection

Best AOI solution for the small-scale manufacturing

High quality AOI solution perfectly matches the needs and requirements of small and medium size SMT shops.

“ALL in One” includes i3D Technology based full-scale AOI system, First Article Inspection, barcode with camera, marking and color recognition, and many more – All in ONE set.

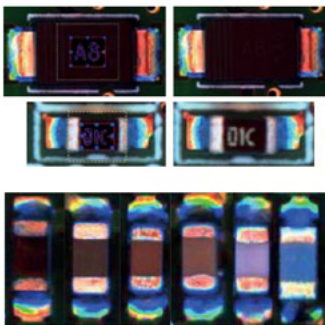
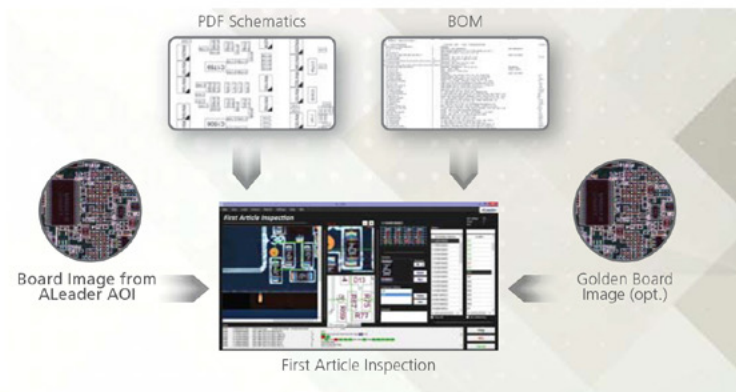


Offline small footprint AOI system

Having all capabilities of high-end inline system. Robust, reliable, fastest in the market and very easy to use. Exceptionally low maintenance cost and very high MTBF.

First Article Inspection offline application

Proprietary application using the board image produced by the system and verifying it against the BOM and board schematics.



Component marking and color inspection

Best in the market OCV inspection of component marking, color inspection for the components without marking. Standard setup, not an option. 100% of components on every board are inspected with no false alarms. Takes seconds to configure.

ALL IN ONE

- Barcode with camera as part of the standard installation.
- Built-in repair station SW. Possibility to verify inspection result while the next board inspection is running.
- Flip mode inspection with possibility to use barcode from one side only.
- Easy and fast programming, public library. Offline programming station as an option.
- Built-in advanced Software Process Control with full traceability.
- Full inspection of through-hole components in reflow and wave application without a need in HW or SW modification.

Functional specification	
Inspection method	i3D technology
Camera	2 Mpix (ALD515), 4M Mpix (ALD625) high speed camera
Lighting system	Multi-directional lighting module
Program creation	CAD file import, central library, part number links, auto programming
Applications	Post reflow, pre-reflow (include 2D paste inspection), wave soldering
Operation system	Windows 7 Professional
Inspection Board specification	
PCB type	All colors and all pad finishes
PCB size range	50mm x 50mm (min) ~ 430mm x 330mm (max)
PCB warpage	<5 mm, warpage free technology
PCB thickness range	0.3mm to 5mm
Clamping system edge clearance	Top 3.5mm, Bottom 3mm
PCB weight	Up to 3kg
Underside/Topside clearance	60mm/30mm (ALD515), 85mm/30 or 50mm (ALD625)
Min component	size 01005, 0.3 mm pitch
Inspection performance	
Resolution/ranges/speed	15µ/pix FOV: 22.42x18.52 mm (ALD515), 30.72x30.72 mm (ALD625) speed 0.17 sec/FOV
Inspection coverage	Missing, misalignment, billboard, up-side-down, tombstone, damaged, wrong component, lifted leads, open, insufficient/excessive solder, shorts, wrong component, polarity, solder balls, etc...
Shadow effect	Shadow-free technology
Component color	Component color and transparency doesn't affect performance, but used for wrong part inspection
OCV/OCR	Standard on each machine
Double side check	Identify and change side automatically
Features and options	
Special features	Supports auto change program, mult iboards (include bad mark) and multi programs inspection modes
Barcode system	Auto read barcode with camera - 1D and 2D. External reader read back side barcode(option)
Server mode	Central server multiple machines data handling
Remote control	Remote control through TCP/IP for verification, system operation and program adjustment
Additional Options	SPC, repair station, Offline program, External barcode scanner
Hardware	
Conveyor	Automatic clamp, manual width adjustment and board handling
X/Y driver	Screw and AC servo driver, accuracy <10µ; PCB moves on Y-axes, camera moves on X-axes
Display	22 inch TFT LCD
Power Supply	AC230V 50/60Hz <1.5KVA
Compressed air	Not required
Operational conditions	10~35°C, 35~80% RH (no dew)
Dimensions and Weight	
Weight	200 kg (ALD515), 520 kg (ALD625)
Dimensions	1060x870x1309 (LxWxH) (ALD515) 1069x870x1462 (LxWxH)(ALD625)

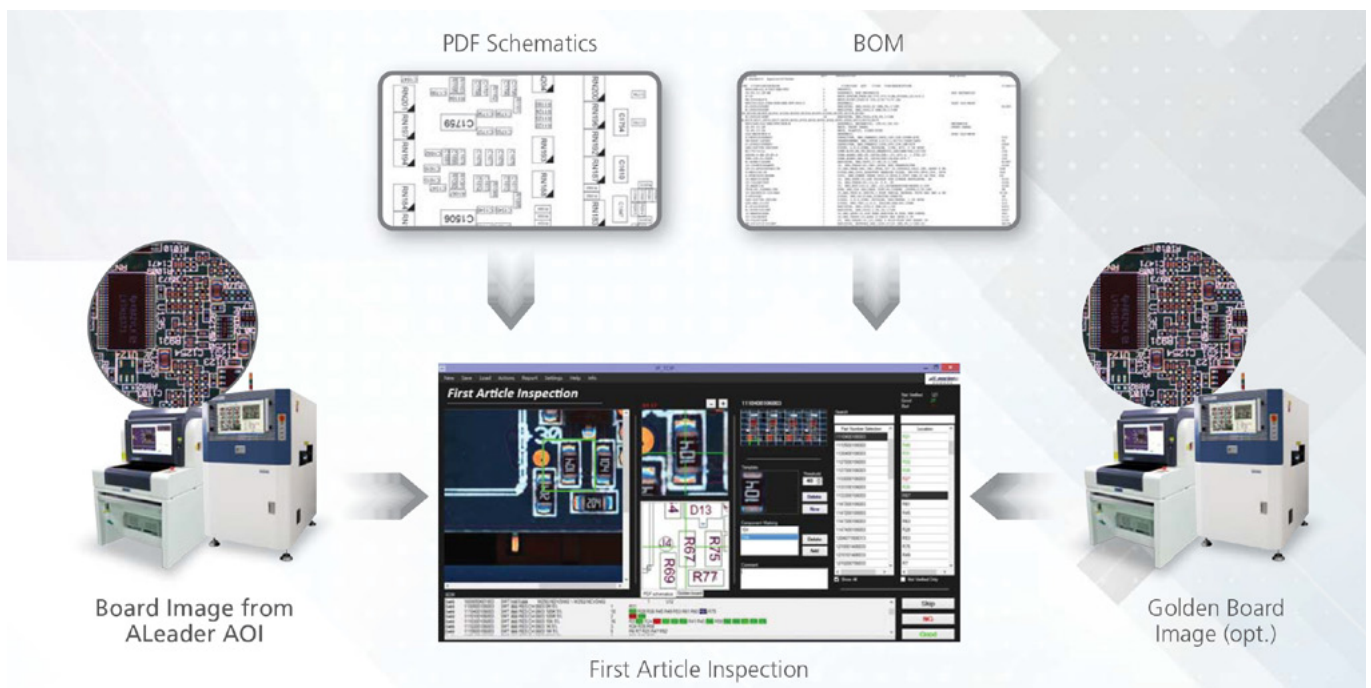
FAI - FIRST ARTICLE INSPECTION APPLICATION

**Prototype verification
before starting the
mass production**



First Article Inspection is the process of independent verification of the new product to confirm that the specifications and design requirements have been properly implemented before starting a mass production.

ALeader AOI supports this process with its proprietary application, which takes the board image produced by the system and checks it against the BOM and board schematics, part-by-part.

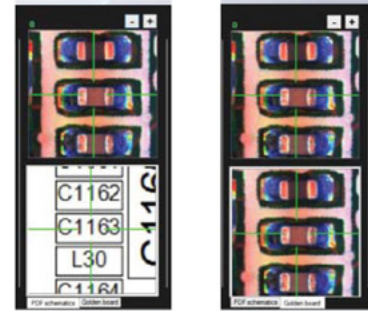


FAI - FIRST ARTICLE INSPECTION APPLICATION

Main Features

- Offline application, AOI utilization is not affected
- Board verification against BOM, schematics and golden sample
- Easy and fast program creation
- Convenient board views, zoom, search location and PN, sort, view per PN
- Possibility to use part number from CAD and BOM
- Automatic placement verification per Part Number
- Color verification marks in BOM and CAD
- Allowed component marks stored per part number
- Comments per component
- Golden board
- Report generation

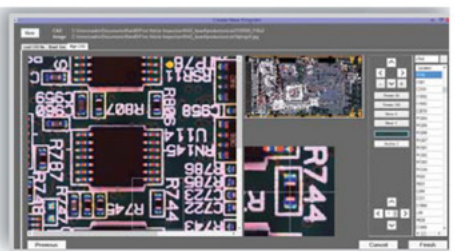
Board - Schematics - Golden Board



Adding PDF schematics



Inspection report



New program creation



Allowed component marks per part number



Color verification marks

