

## ***ALD770S i3D inline AOI***

### **Leading the Way for Inspection Solutions**

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The ALD770S is a high speed inline AOI system which includes the state-of-the-art i3D technology, a high-speed digital camera as well as a multidirectional lighting module.

As a new member of the popular ALD AOI family, the ALD770S preserves all the advantages of the previous models, while it also delivers additional improvements based on customer requests and feedback per market research.

Faster and easier programming, additional options and features are added to already powerful and proven algorithms. All this makes the ALD770S AOI the most suitable and easy to integrate system into any modern production line.

The system delivers high-speed performance with no escapes, a very low FA rate which is easy to achieve on the most complicated and challenging PCB assemblies. In the same manner as all the ALD models, the ALD770S has a vast range of capabilities and is designed to overcome all PCB inspection challenges, including: shadows, various component colors, transparency, board warpage and many more. The system also offers support to offline programming and debugging. Features such as integrated barcode reading, various traceability options and software process controls are also available. The repair station delivers a clear image of the defect and a good sample, which allows fast verification and prevention of operator errors.

The ALD770S can be easily switched to pre-reflow (including 2D paste inspection), glue inspection and has the ability to a wave soldering application without requiring any HW modifications.

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### *ALD770S – the Best Choice*

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- ✦ i3D technology
- ✦ Extremely low FA rate, high FPY, and no escapes
- ✦ 100% inspection coverage
- ✦ Ideal for inspecting 0201 and 01005 components, 0.3 mm pitch
- ✦ Fast and accurate inspection
- ✦ Shadow-free, warpage-free solution, insensitive to board color
- ✦ Fast programming, intuitive user interface
- ✦ Effective quality verification
- ✦ Process control for defect prevention
- ✦ High MTBF, low maintenance cost



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