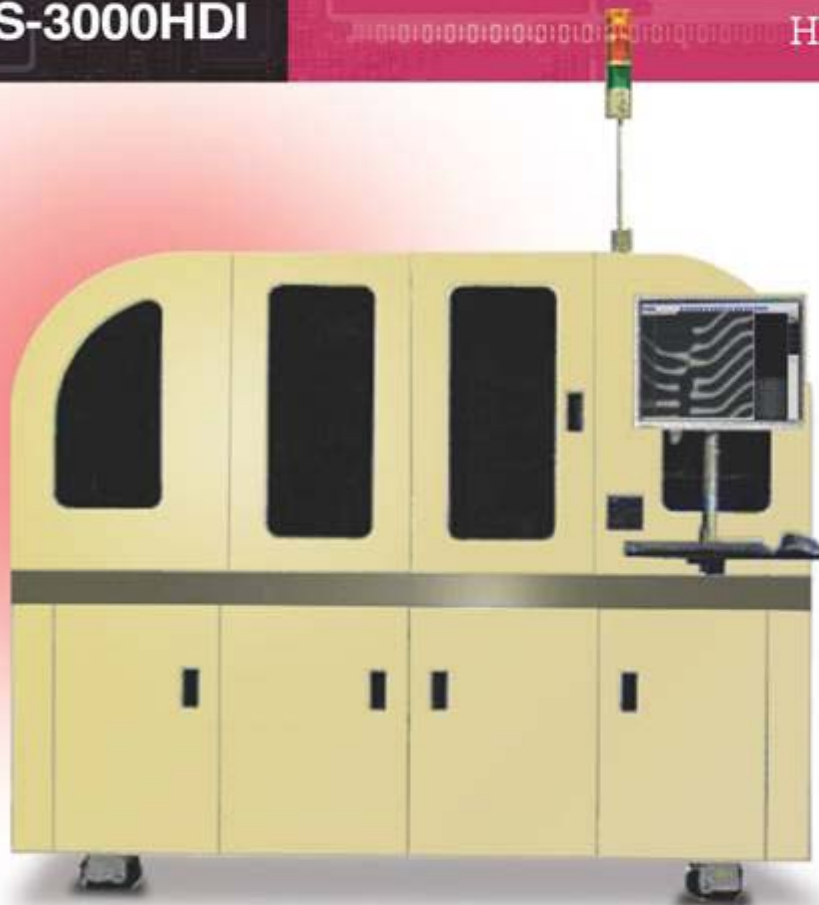


AVIS-3000HDI

HDI PCB Final Inspection



## HDI PCB Final Inspection

### Application

- Memory Module PCB
- Build-Up PCB (Mobile Phone PCB)
- LCD PCB (Matrix & Singulated type)
- Other Industrial PCB

### Major Features

- Double scanning method for higher detectability
- PSR inspection capability
- Vacuum suction boat in order to overcome PCB twist & bow
- Higher Inspection Productivity
- Low Over-Rejection
- Selective use of CAD/CAM interface teach & Golden board method
- PC based Hardware control



**Advanced Technology Inc.**

## Work Flow



Loading



Cleaning



Inspection



Sorting

## Specification

Inspected products	Memory Module PCB, Build-Up PCB, LCD PCB, Industrial PCB	
Resolution	10 ~ 20um/pixel	
Inspection item	Plated Area	Non-plating, Short, Intrusion, Protrusion, Discolor, Pit/Pin Hole, Foreign Material, Scratch
	PSR area	Exposed metal, lump, Foreign Material
Verification	PC based Image Verification System	
CAD/CAM interface	Standard format : Gerber RS274x (*.gbr, *.ger, *.pho)	
Utility	AC220, 1 phase, 60Hz, 5kgf/cm2, 4kw	

## Defect Image Viewer



- Verification by inspection image
- Higher Verification Productivity
- Easy-To-Use by "go" key
- Stastical Process Control
- PC based Verify system
- Economical and Efficient verification

