STI
SEMICONDUCTOR TECHNOLOGIES & INSTRUMENTS

iFocus

Wafer Inspection System For Frame & Whole Wafer

iFocus is a highly intelligent precison wafer inspection system that offers a comprehensive solution for the inspection of frame and/or whole wafer. With the intuitive On-The-Fly (OTF™) vision, minute defects arising from wafer processing, packing or post dicing can be precisely located with ease without compromising the high throughput.

Features:

Dual Arms Robotic Handling

Dual Camera 2D OTF™ Inspection and Metrology

Colour Camera On-Line and Off-Line Defect Review

Multiple Independently Configurable Illuminations

Wafer Map Capability

Wafer Top OCR Reader

SPC Analysis Software

Film Frame ID Bar Code Reader

HEPA Filter